Summary of Hydrologic Indicators for November 30 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 31 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for September 30 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for August 31 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for July 31 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for June 30 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for May 31 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Watch	Normal	Normal[1.]
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Watch	N/A	Normal

Normal[1.] - Although two indicators are in drought Watch, recent precipitation and stream flow responce indicate that a drought Watch declaration would not be appropriate at this time.

Summary of Hydrologic Indicators for April 30 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 31 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 28 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Watch	Normal	Normal[1.]
Central	Normal	Watch	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1.] Although there are two indicators in the Watch status for the Western Region, the overall status is considered Normal because:

1. According to the *US Drought Monitor* . conditions have improved between 3/3/2015 and 3/10/2015.

2. There was only one stream gage with reliable data available, making our evaluation limited.

3. Any declaration of drought Watch during a sseason when there is no outdoor water use would have no real impact.

Summary of Hydrologic Indicators for January 31 2015					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for December 31 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for November 30 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 31 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for September 30 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Data from Cumberland has not been received as of 2014-Oct-07, but Cumberland had 400 days of storage at the end of July

[2] Data from Frostburg has not been received as of 2014-Oct-07, but Frostburg had 367 days of storage at the end of August

Summary of Hydrologic Indicators for August 31 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Data from Cumberland has not been received as of 2014-Oct-07, but Cumberland had 400 days of storage at the end of July

Summary of Hydrologic Indicators for July 31 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for June 30 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for May 31 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for April 30 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 31 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 28 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for January 31 2014					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for November 30 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 31 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for September 30 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal[1.][2.]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1.] Data from Frostburg has not been received as of 2013-Oct-07 at 2:30 PM but Frostburg had 575 days of storage at the end of July

[2.]Data from Cumberland has not been received as of 2013-Oct-07 at 2:30 PM but Cumberland had 332 days of storage at the end of August

Summary of Hydrologic Indicators for August 31 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for July 31 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for June 30 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for April 30, 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 31, 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal[1]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1]Data for the Baltimore City reservoirs has not been received as of 2013-Apr-19 at 10:00 AM, but Baltmore City had 347 days of storage at the end of February

Summary of Hydrologic Indicators for February 28, 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for January 31, 2013					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for December 31, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for November 30, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1]Data from Frostburg has not been received as of 11-Nov-2012 at 8:00 AM, but Frostburg had 655 days of storage as of the end of October, 2012

Summary of Hydrologic Indicators for September 16, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal[1]	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Normal	Watch	Normal	N/A	Watch[3]
Southern	Normal	N/A	Normal	N/A	Normal

[1]Because complete rainfall data was not available for the period ending the 16th, rainfall analysis was preformed using data thru September 18.

[2]Streamflow analysis was for the 30 day period ending 15-Sep

[3]The region is being held at Watch pending the end-of-month analysis

Summary of Hydrologic Indicators for August 31, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Watch	Warning	Watch	N/A	Watch
Southern	Watch	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for August 21, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Watch[1]
Eastern	Watch	Emergency	Watch	N/A	Warning[2]
Southern	Watch	N/A	Normal	N/A	Normal

[1]This region continues to remain in Watch because the groudwater indicator continues to be below normal.

[2]This region countiues to remain in Warning because the streamflow indicator continues to be in the Emergency range and the other indicators continue below normal status. Further, complete croundwater information will not be available until the end-of-month evaluation.

Summary of Hydrologic Indicators for August14, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Watch[1]
Eastern	Watch	Emergency	Watch	N/A	Warning[2]
Southern	Watch	N/A	Normal	N/A	Normal

[1]This region continues to remain in Watch because the groudwater indicator continues to be below normal.

[2]This region countiues to remain in Warning because the streamflow indicator continues to be in the Emergency range and the other indicators continue below normal status. Further, complete croundwater information will not be available until the end-of-month evaluation.

Summary of Hydrologic Indicators for 07-Aug-2012

Values in **bold** are updated to 07-Aug-2012. All other values are as of 31-Jul-2012

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	**Normal**	Normal	Normal	Normal	Normal
Central	**Normal**	Normal	Watch	Normal	Watch[1]
Eastern	**Warning**	**Emergency**	**Watch**	N/A	**Warning**
Southern	**Watch**	N/A	Normal	N/A	Normal

[1]This region continues to remain in Watch because the groudwater indicator continues to be below normal.

Summary of Hydrologic Indicators for July 31, 2012

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Watch[1]
Eastern	Warning	Emergency	Warning	N/A	Warning
Southern	Watch	N/A	Normal	N/A	Normal

[1]This region continues to remain in Watch because the groudwater indicator continues to be below normal.

Summary of Hydrologic Indicators for June 30, 2012

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Watch[1]
Eastern	Watch	Watch	Watch	N/A	Watch
Southern	Watch	N/A	Normal	N/A	Normal

[1]This region continues to remain in Watch because the groudwater indicator continues to be below normal.

Summary of Hydrologic Indicators for May 31, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal[1]	Watch[2]
Central	Normal	Normal	Watch	Normal	Watch[2]
Eastern	Watch	Watch	Watch	N/A	Watch
Southern	Watch	N/A	Watch	N/A	Normal[3]

[1]Data from Cumberland has not been received as of 05-Jun-2012 at Noon but Cumberland had 364 days of storage at the end of April.

[2]Because we are in the growing season and the lack of improvement in the ground water indicator, and because these regions had been in Watch when last evaluated in April, the Administration has decided to continue the drought watch in these two regions.

[3]Pending more information, given the previous status of the region and considering the resistance to drought possessed by water supplies in the Southern region, this region's overall status is being held at Normal.

Summary of Hydrologic Indicators for April 30, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Warning	Watch	Normal[1]	Watch
Central	Normal	Watch	Watch	Normal	Watch
Eastern	Watch	Warning	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 31, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Watch	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 29, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal[1]	Watch	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1]If considered in isolation, Dorchester, Somerset, Wicomico, and Worcester counties would be in Watch

Summary of Hydrologic Indicators for January 31, 2012					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1.]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1.] Data from Frostburg has not been received as of 07-Feb-2012 at 7:30 AM but Frostburg had 639 days of storage at the end of December.

Summary of Hydrologic Indicators for December 31, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for November 30, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 31, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Data from Cumberland has not been received as of 17-Nov-2011 at 7:30 AM but Cumberland had 372 dats of storage at the end of September.

[2] Data from Frostburg has not been received as of 17-Nov-2011 at 7:30 AM but Frostburg had 535 days of storage at the end of September.

Summary of Hydrologic Indicators for August 31, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for August 15, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Normal	Normal[3]	Normal
Eastern	Normal	Emergency	Warning	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

[1] Data from Cumberland has not been received as of 16-Aug-2011 at 7:00 AM but Cumberland had 364 days of storage at the end of June.

[2] Data from Frostburg has not been received as of 16-Aug-2011 at 7:00 AM but Cumberland had 364 days of storage at the end of June.

[3] Reservoirs were not re-evaluated for this update but were normal when last evaluted on July 31, 2011

Summary of Hydrologic Indicators for July 31, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Watch	Watch	Warning	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

[1] Data from Cumberland has not been received as of 04-Aug-2011 at 6:50 AM but Cumberland had 364 days of storage at the end of June.

[2] Data from Frostburg has not been received as of 04-Aug-2011 at 6:50 AM but Cumberland had 364 days of storage at the end of June.

Summary of Hydrologic Indicators for July 18, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Watch	Normal[1]	Normal
Eastern	Watch	Warning	Watch	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

[1] Reservoirs were not re-evaluated for this update but were normal when last evaluted on June 30, 2011

Summary of Hydrologic Indicators for July 14, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Watch	Normal[1]	Normal
Eastern	Watch	Warning	Watch	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

[1] Reservoirs were not re-evaluated for this update but were normal when last evaluted on June 30, 2011

Summary of Hydrologic Indicators for July 07, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Watch	Normal[1]	Normal
Eastern	Watch	Warning	Watch	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

[1] Reservoirs were not re-evaluated for this update but were normal when last evaluted on June 30, 2011

Summary of Hydrologic Indicators for June 30, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Watch	Warning	Warning	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

Summary of Hydrologic Indicators for May 31, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Warning	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Data from Cumberland has not been received as of 03-Jun-2011 at 3:00 PM but Cumberland had 381 days of storage at the end of April

[2] Data from Frostburg has not been received as of 03-Jun-2011 at 3:00 PM but Frostburg had 803 days of storage as of the end of April

Summary of Hydrologic Indicators for March 31, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 28, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Watch	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Watch	Watch	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

1. Data from Frostburg has not been received as of 14-Mar-2011 at 2:00 PM, but 630 days of storage remained at the end of January

Summary of Hydrologic Indicators for January 31, 2011					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Watch	Watch	Normal	Normal
Central	Watch	Watch	Watch	Normal	Normal
Eastern	Normal	Watch	Normal	N/A	Normal
Southern	Watchl	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for December 31, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Watch	Normal	Normal	Normal	Normal
Eastern	Normal	Warning	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for November 30, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 31, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Norma]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for September 30, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Watch	Normal[1]	Watch
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Warning	N/A	Normal

[1]As of 05-Oct-2010 at Noon, reservoir data for September has not been received for Cumberland but 341 days of storage were available at the end of August

Summary of Hydrologic Indicators for September 15, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Warning	Warning	Normal	Warning
Central	Normal	Watch	Normal	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Warning	N/A	Normal

Summary of Hydrologic Indicators for August 31, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Watch	Normal[1]	Watch
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Warning	N/A	Normal

Summary of Hydrologic Indicators for July 31, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Watch	Normal	Normal	Normal
Eastern	Normal	Normal	Watch	N/A	Normal
Southern	Normal	N/A	Warning	N/A	Normal

Summary of Hydrologic Indicators for July 15, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Watch	Normal	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Reservoir data not updated since the June 30 evaluation. Groundwater Status updated using real time well data where available. Rainfall evaluation is as of 14-Jul-2010

Summary of Hydrologic Indicators for June 30, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Watch	Normal	Normal	Normal
Eastern	Normal	Warning	Warning	N/A	Warning
Southern	Normal	N/A	Watch	N/A	Normal

Summary of Hydrologic Indicators for May 31, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Normal[2]
Southern	Normal	N/A	Watch	N/A	Normal

[1] Data from Frostburg has not been received as of 07-Jul-2010 at 9:00 AM, but Frostburg had 803 days of storage at the end of April

[2] When the stream flow indicator for the eastern region was reevaluated using daily average flows thru 15-Jun-2010, the indicator had returned to the normal range

Summary of Hydrologic Indicators for April 30, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Warning	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Watch	N/A	Normal
Southern	Normal	N/A	Watch	N/A	Normal

Summary of Hydrologic Indicators for March 31, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for January 31, 2010					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Data from Cumberland has not been received as of 08-Feb-2010 at Noon, but Cumberland had 295 days of storage at the end of November

Summary of Hydrologic Indicators for December 31, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Data from Cumberland has not been received as of 08-Jan-2010 at Noon, but Cumberland had 295 days of storage at the end of November

Summary of Hydrologic Indicators for November 30, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 31, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for September 30, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for August 31, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] - Data from Cumberland has not yet been received as of 08-Sep-2009, but Cumberland had 366 days of storage available at the end of July.

Summary of Hydrologic Indicators for July 31, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] - Data from Frostburg has not yet been received as of 06-Aug-2009, but Frostburg had 737 days of storage available at the end of May.

Summary of Hydrologic Indicators for June 30, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] - Data from Cumberland has not yet been received as of 06-Jul-2009, but Cumberland had 381 days of storage available at the end of April.

[2] - Data from Frostburg has not yet been received as of 06-Jul-2009, but Frostburg had 737 days of storage available at the end of May.

Summary of Hydrologic Indicators for May 31, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] - Data from Cumberland has not yet been received as of 02-Jun-2009, but Cumberland had 381 days of storage available at the end of April.

Summary of Hydrologic Indicators for April 30, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Watch	Normal	Normal
Central	Watch	Normal	Watch	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 31, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Emergency	Warning	Normal[1][2]	Normal
Central	Warning	Emergency	Emergency	Normal	Normal
Eastern	Normal	Warning	Normal	N/A	Normal
Southern	Watch	N/A	Watch	N/A	Normal

Summary of Hydrologic Indicators for February 28, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Watch	Watch	Watch	Normal	Normal
Eastern	Normal	Emergency	Watch	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for January 31, 2009					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for December 31, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data has not been received from Frostburg as of 07-Jan-2009 at Noon, but Frostburg had 544 days of storage remaining at the end of October

Summary of Hydrologic Indicators for October 31, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for September 30, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Watch	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data has not been received from Frostburg as of 08-Oct-2008 at Noon, but Frostburg had 686 days of storage remaining at the end of February

[2] - Data has not yet been received from Cumberland as of 08-Oct-2008 at Noon, but Cumberland had 352 days of storage remaining at the end of July.

Summary of Hydrologic Indicators for August 31, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data has not been received from Frostburg as of 05-Sep-2008 at 10:00 AM, but Frostburg had 686 days of storage at the end of February.

Summary of Hydrologic Indicators for July 31, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data has not been received from Frostburg as of 06-Aug-2008 at Noon, but Frostburg had 686 days of storage at the end of February.

[2] - The most recent data we received from the City of Baltimore was for 7/7/2008. Based on this data, aproximately 280 days of storage were available on 7/7/2008.

Summary of Hydrologic Indicators for June 30, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Watch [3]	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data has not been received from Frostburg as of 07-Jul-2008 at 10:00 AM, but Frostburg had 686 day of storage at the end of February

[2] - Data has not yet been received from Cumberland as of 07-Jul-2008 at 10:00 AM, but Cumberland had 364 days of storage remaining at the end of May.

[3] - Data has not been received from one of the four wells used as of 7-July at 1:20 PM. Due to personel changes at USGS, WI Cg 20 was not measured until July 6 and this measurement is being used to represent the end of June. SO Cf 2 is being measured July 7.

Summary of Hydrologic Indicators for May 31, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data has not been received from Frostburg as of 09-Jun-2008 at 10:45AM, but Frostburg had 686 days of storage at the end of February.

Summary of Hydrologic Indicators for April 30, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1][2]	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Normal	Normal	Watch	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

Normal[1] - Data has not been received from Frostburg as of 07-May-2008 at 9:45AM, but Frostburg had 686 days of storage at the end of February.

[2] - Data has not yet been received from Cumberland as of 07-May-2008 at 9:45 AM, but Cumberland had 381 days of storage remaining at the end of March.

Summary of Hydrologic Indicators for March 31, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

Normal[1] - Data has not been received from Frostburg as of 02-Apr-2008 at 2:20PM, but Frostburg had 686 days of storage at the end of February.

Summary of Hydrologic Indicators for February 29, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Watch	Normal	Watch[1]
Eastern	Normal	Normal	Watch	N/A	Watch[1]
Southern	Normal	N/A	Watch	N/A	Normal

Watch[1] - The previous status of these regions has been "Watch" for several months and the groundwater has still not recovered. A drought watch is being maintained for the next month.

Summary of Hydrologic Indicators for January 31, 2008					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Watch	Watch	Normal	Watch
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

Normal[1] - Data has not yet been received as of 8-Feb-2008 at 12:30PM, but Cumberland had 274 days of storage at the end of November and Frostburg had 584 days of storage at the end of November

Summary of Hydrologic Indicators for December 31, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Watch	Watch	Normal	Watch
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

Normal[1] - Data has not yet been received as of 4-Jan-2008 at 2:30PM, but Cumberland had 274 days of storage at the end of November and Frostburg had 584 days of storage at the end of November

Summary of Hydrologic Indicators for November 30, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Watch	Watch	Watch	Normal	Watch
Eastern	Watch	Warning	Warning	N/A	Watch
Southern	Watch	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 31, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal[1]	Normal
Central	Normal	Normal	Watch	Normal	Watch[2]
Eastern	Watch	Normal	Watch	N/A	Watch
Southern	Normal	N/A	Watch	N/A	Normal

Normal[1] - Data for the end of October has not yet been received from Frostburg and Cumberland as of 01 November 2007 at 2:30 PM, but Frostburg had 484 days of storage remaining at the end of August and Cumberland had 319 days of storage remaining at the end of September.

Watch[2] - The effects of October's rainfall on streamflow may not have a lasting effect on streamflow status given that ground water levels have not recovered. Therefore the overall status for the central region remains in watch.

Summary of Hydrologic Indicators for September 30, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal[1]	Normal
Central	Normal	Warning	Watch	Normal	Watch
Eastern	Normal	Warning	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data for the end of September has not yet been received from Frostburg as of 02 October 2007 at noon, but Frostburg had 484 days of storage remaining at the end of August.

Summary of Hydrologic Indicators for August 31, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data for the end of August has not yet been received from Cumberland as of 06 September 2007 at 10:30 AM, but Cumberland had 320 days of storage remaining at the end of July.

Summary of Hydrologic Indicators for August 14, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Normal	Normal	Normal	Normal[1]	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Baltimore City has not been received as of 2 August 2007 at 12:10 PM, but the City has issued statements to the press indicating reservoir conditions are normal

Summary of Hydrologic Indicators for July 31, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Normal	Watch	Normal	Normal[1]	Normal
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Baltimore City has not been received as of 2 August 2007 at 12:10 PM.

Summary of Hydrologic Indicators for June 30, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Watch	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Cumberland and data Frostburg have not been received as of 12 July 2007 at 11 AM, but Cumberland had 365 days of storage at the end of May and Frostburg had 734 days of storage remaining at the end of April.

Normal[2] - Data from Baltimore City has not been received as of 12 July 2007 at 11 AM.

Summary of Hydrologic Indicators for May 31, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Watch	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Frostburg has not been received as of 25 June 2007 at 11 AM. However, Frostburg had 734 days of storage remaining at the end of April.

Normal[2] - Data from Baltimore City has not been received as of 25 June 2007 at 11 AM.

Summary of Hydrologic Indicators for April 30, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Frostburg has not been received as of 11 May 2007 at 8 AM. However, Frostburg had 686 days of storage remaining at the end of February.

Normal[2] - Data from Baltimore City has not been received as of 11 May 2007 at 8 AM.

Summary of Hydrologic Indicators for March 31, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Frostburg has not been received as of 16 Apr 2007 at 8 AM. However, Frostburg had 686 days of storage remaining at the end of February.

Normal[2] - Data from Baltimore City has not been received as of 16 Apr 2007 at 8 AM.

Summary of Hydrologic Indicators for February 28, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Normal	Normal	Normal	Normal[1]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Baltimore City has not been received as of 23 Mar 2007 at AM.

Summary of Hydrologic Indicators for January 31, 2007					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal[1]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Baltimore City has not been received as of 16 February 2007 at 7:00 AM.

Summary of Hydrologic Indicators for December 31, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal[1]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Baltimore City has not been received as of 24 Jan 2007 at 8:30 AM.

Summary of Hydrologic Indicators for November 30, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Frostburg has not been received as of 13 Dec 2006 at 8:30 AM but Frostburg had 544 days of storage remaining at the end of September.

Normal[2] - Data from Baltimore City has not been received as of 13 Dec 2006 at 8:30 AM.

Summary of Hydrologic Indicators for October 31, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Cumberland has not been received as of 28 Nov 2006 at 8:30 AM but Cumberland had 303 days of storage remaining at the end of September.

Normal[2] - Data from Baltimore City has not been received as of 28 Nov 2006 at 8:30 AM.

Summary of Hydrologic Indicators for September 30, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Frostburg has not been received as of 13 Oct 2006 at 8:45AM, but Frostburg had 484 days of storage remaining at the end of August.

Normal[2] - Data from Baltimore City has not been received as of 30 October 2006 at 7:40AM.

Summary of Hydrologic Indicators for August 31, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - Data from Cumberland has been recieved for the month of August as of 30 October 2006 at 7:40 AM, but Cumberland had 364 days of storage remaining at the end of May and 303 days of storage remaining at the end of September.

Normal[2] - As of 30 October 2006 at 7:40AM, data has not been recieved from Baltimore for the month of August

Summary of Hydrologic Indicators for July 31, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Normal[1] - End of July data has not yet been received as of 2 Aug 2006 at 9:30 AM but status is expected to be normal based on previous reports.

Summary of Hydrologic Indicators for June 30, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch[1]	Normal[2]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Watch[1] - Well levels for this region were measured on 19 June, before the series of rain events at the end of the month.

Normal[2] - Reservoir data for the end of June had not yet been received as of 3 July, but status is normal based on values reported at the end of May.

Summary of Hydrologic Indicators for June 14, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Normal	Watch	Watch	Normal	Watch
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for May 31, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Normal	Watch	Watch	Normal	Watch
Eastern	Normal	Watch	Watch	N/A	Watch
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for April 30, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Watch	Normal	Normal
Central	Normal	Normal	Watch	Normal	Normal
Eastern	Normal	Normal	Warning	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 31, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Emergency	Watch	Normal	Watch
Central	Normal	Warning	Normal	Normal	Normal
Eastern	Normal	Warning	Warning	N/A	Warning
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 28, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for January 31, 2006					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for December 31, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for November 30, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	[1]Normal	Normal
Central	Normal	Normal	Normal	[1]Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Based on data from October as data for November was not available as of 14 December

Summary of Hydrologic Indicators for October 31, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal[1]	N/A	Normal

[1] Data is not available for most wells in this region as of 14 November

Summary of Hydrologic Indicators for September 30, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Warning	Normal	Normal	Watch
Central	Normal	Watch	Normal	Normal	Normal
Eastern	Normal	Warning	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for August 31, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] No data is available as of 13 September 2005 but Cumberland had 380 days of storage available at the end of June.

[2] Reservoir Levels were not available from the City of Baltimore but the city had 269 days of storage available at the end of June.

Summary of Hydrologic Indicators for July 31, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] No data is available as of 18 August 2005 but Cumberland had 380 days of storage available at the end of June.

[2] Reservoir Levels were not available from the City of Baltimore but the city had 269 days of storage available at the end of June.

Summary of Hydrologic Indicators for June 30, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period

Summary of Hydrologic Indicators for May 31, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg and the City of Cumberland did not report reservoir levels for this period

[2] Reservoir levels were not available from the City of Baltimore for this period.

Summary of Hydrologic Indicators for April 30, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg and the City of Cumberland did not report reservoir levels for this period

[2] Reservoir levels were not available from the City of Baltimore for this period.

Summary of Hydrologic Indicators for March 31, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period

Summary of Hydrologic Indicators for February 28, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period

Summary of Hydrologic Indicators for January 31, 2005					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period

Summary of Hydrologic Indicators for December 31, 2004					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period.

Summary of Hydrologic Indicators for November 30, 2004					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal

Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period.

Summary of Hydrologic Indicators for October 31, 2004

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period.

Summary of Hydrologic Indicators for September 30, 2004

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period.

[2] Baltimore City did not report reservoir levels for this period.

Summary of Hydrologic Indicators for August 31, 2004

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period.

[2] Baltimore City did not report reservoir levels for this period.

Summary of Hydrologic Indicators for July 31, 2004

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Normal	Normal	Normal	Normal[2]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] The City of Frostburg did not report reservoir levels for this period.

[2] Baltimore City did not report reservoir levels for this period.

Summary of Hydrologic Indicators for June 30, 2004					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal[1]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Baltimore City did not report reservoir levels for this period.

Summary of Hydrologic Indicators for May 31, 2004					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal[1]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1] Baltimore City did not report reservoir levels for this period.

Summary of Hydrologic Indicators for January 31, 2004					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for December 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for November 30, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for September 30, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for August 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for July 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for June 30, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for May 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for April 30, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Watch	Normal	Watch
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 28, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal (3/4/03)	Normal	Normal	Normal
Central	Normal	Normal (3/4/03)	Normal	Normal	Normal
Eastern	Normal	Normal (3/4/03)	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for February 20, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal (2/18)	Watch (2/19)	Normal (1/31)	Normal (1/31)	Normal
Central	Normal (2/18)	Normal (2/19)	Normal (1/31)	Normal (1/31)	Normal[1]
Eastern	Normal (2/18)	Normal (2/19)	Normal (1/31)	N/A	Normal
Southern	Normal (2/18)	N/A	Normal (1/31)	N/A	Normal

[1] Drought Emergency with water use restrictions lifted on February 20, 2003.

Summary of Hydrologic Indicators for January 31, 2003					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Watch	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Emergency[2]
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

[2] Drought Emergency with restrictions eased to Level One on December 18, 2002.

Summary of Hydrologic Indicators for December 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Emergency [1]
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

[1] Drought Emergency with restrictions eased to Level One on December 18, 2002.

Summary of Hydrologic Indicators for December 18, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal (12/10)	Normal (12/10)	Normal (11/30)	Normal (11/30)	Normal
Central	Normal (12/10)	Normal (12/10)	Watch (11/30)	Normal (11/30)	Emergency [1]
Eastern	Normal (12/10)	Normal (12/10)	Normal (11/30)	N/A	Normal
Southern	Watch (12/10)	N/A	Normal (11/30)	N/A	Normal

[1] Drought Emergency with restrictions eased to Level One on December 18, 2002.

Summary of Hydrologic Indicators for November 19, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal (10/31)	Normal
Central	Normal	Normal	Warning	Watch (10/31)	Emergency [2]
Eastern	Normal	Normal	Normal	N/A	Emergency [2]
Southern	Watch	N/A	Normal (10/31)	N/A	Normal

[2] Drought Emergency with Level Two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for November 12, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal (10/31)	Normal (10/31)	Normal
Central	Watch	Normal	Emergency (10/31)	Watch (10/31)	Emergency [2]
Eastern	Watch	Normal	Normal (10/31)	N/A	Emergency [2]
Southern	Watch	N/A	Normal (10/31)	N/A	Normal

[2] Drought Emergency with Level Two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for November 5, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal (10/31)	Normal (10/31)	Normal
Central	Watch	Normal	Emergency (10/31)	Watch (10/31)	Emergency [1]
Eastern	Watch	Normal	Normal (10/31)	N/A	Emergency [1]
Southern	Warning	N/A	Normal (10/31)	N/A	Normal

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for October 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Watch	Normal	Emergency	Watch	Emergency [1]
Eastern	Watch	Normal	Normal	N/A	Emergency [1]
Southern	Warning	N/A	Normal	N/A	Normal

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for October 22, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal (9/30)
Central	Watch	Normal	Emergency	Watch (9/30)	Emergency [1]
Eastern	Watch	Normal	Normal	N/A	Emergency [1]
Southern	Warning	N/A	Watch (9/30)	N/A	Watch (9/30)

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for October 15, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal (9/30)	Normal (9/30)	Normal (9/30)
Central	Watch	Normal	Emergency (9/30)	Watch (9/30)	Emergency [1]
Eastern	Watch	Normal	Watch (9/30)	N/A	Emergency [1]
Southern	Warning	N/A	Watch (9/30)	N/A	Watch (9/30)

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for October 8, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Normal (9/30)	Normal (9/30)	Normal (9/30)
Central	Warning	Emergency	Emergency (9/30)	Watch (9/30)	Emergency [1]
Eastern	Warning	Normal	Watch (9/30)	N/A	Emergency [1]
Southern	Emergency	N/A	Watch (9/30)	N/A	Watch (9/30)

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for September 30, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Warning	Emergency	Emergency	Watch	Emergency [1]
Eastern	Warning	Normal	Watch	N/A	Emergency [1]
Southern	Emergency	N/A	Watch	N/A	Watch

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for September 17, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Warning	Normal	Normal (8/31)	Watch (8/31)
Central	Warning	Emergency	Emergency	Watch (8/31)	Emergency [1]
Eastern	Warning	Normal	Normal	N/A	Emergency [1]
Southern	Emergency		Warning (8/31)	N/A	Warning (8/31)

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for September 10, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch (9/9)	Watch	Watch (9/2)	Normal (9/2)	Watch
Central	Warning (9/9)	Warning	Emergency (9/2)	Watch (9/2)	Emergency [1]
Eastern	Warning (9/9)	Emergency	Emergency (9/2)	N/A	Emergency [1]
Southern	Emergency (9/9)	N/A	Warning (9/2)	N/A	Warning

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for September 2, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Watch	Normal	Watch
Central	Warning	Warning	Emergency	Watch	Emergency [1]
Eastern	Warning	Emergency	Emergency	N/A	Emergency [1]
Southern	Emergency	N/A	Warning	N/A	Warning

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for August 27, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Warning	Emergency	Emergency	Watch	Emergency [1]
Eastern	Emergency	Emergency	Emergency	N/A	Emergency [1]
Southern	Emergency	N/A	Watch (7/31)	N/A	Watch

[1] Drought Emergency with levle two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for August 20, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Warning	Normal	Normal	Normal
Central	Warning	Emergency	Emergency	Watch	Emergency
Eastern	Emergency	Emergency (8/13)	Emergency	N/A	Emergency
Southern	Emergency	N/A	Watch (7/31)	N/A	Watch

Summary of Hydrologic Indicators for August 13, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Normal (7/31)	Normal	Normal (7/31)
Central	Warning	Emergency	Emergency (7/31)	Normal	Emergency (7/31)
Eastern	Emergency	Emergency	Emergency (7/31)	N/A	Warning (7/31)
Southern	Emergency		Watch (7/31)	N/A	Watch (7/31)

Summary of Hydrologic Indicators for August 6, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Normal (7/31)	Normal	Normal (7/31)
Central	Warning	Emergency	Emergency (7/31)	Normal	Emergency (7/31)
Eastern	Emergency	Emergency	Emergency (7/31)	N/A	Warning (7/31)
Southern	Emergency		Watch (7/31)	N/A	Watch (7/31)

Summary of Hydrologic Indicators for July 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal (7/30)	Normal	Normal	Normal
Central	Warning	Emergency (7/30)	Emergency	Normal	Emergency
Eastern	Warning	Normal (7/30)	Emergency	N/A	Warning
Southern	Emergency		Watch	N/A	Watch

Summary of Hydrologic Indicators for July 23, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch (6/22)	Normal	Normal	Normal (6/30)	Watch (6/30)
Central	Warning (6/22)	Emergency	Emergency	Normal (6/30)	Emergency (6/30)
Eastern	Emergency (6/22)	Emergency	Warning	N/A	Warning (6/30)
Southern	Emergency (6/22)		Normal	N/A	Watch (6/30)

Summary of Hydrologic Indicators for July 16, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Watch (6/30)	Normal (6/30)	Watch (6/30)
Central	Warning	Emergency	Emergency (6/30)	Normal (6/30)	Emergency (6/30)
Eastern	Emergency	Watch	Warning (6/30)	N/A	Warning (6/30)
Southern	Emergency		Watch (6/30)	N/A	Watch (6/30)

Summary of Hydrologic Indicators for July 9, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Watch (6/30)	Normal (6/30)	Watch (6/30)
Central	Warning	Emergency	Emergency (6/30)	Normal (6/30)	Emergency (6/30)
Eastern	Emergency	Watch	Warning (6/30)	N/A	Warning (6/30)
Southern	Emergency		Watch (6/30)	N/A	Watch (6/30)

Summary of Hydrologic Indicators for June 30, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Watch	Normal	Watch
Central	Warning	Emergency	Emergency	Normal	Emergency
Eastern	Warning	Normal	Warning	N/A	Warning
Southern	Emergency		Watch	N/A	Watch

Summary of Hydrologic Indicators for June 25, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Watch (6/17)	Normal (5/31)	Normal (5/31)
Central	Warning	Emergency	Emergency (6/17)	Normal (5/31)	Emergency (5/31)
Eastern	Warning	Normal	Watch (6/17)	N/A	Warning (5/31)
Southern	Emergency		Watch (6/17)	N/A	Warning (5/31)

Summary of Hydrologic Indicators for June 18, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Watch (6/17)	Normal (5/31)	Normal (5/31)
Central	Warning	Warning	Emergency (6/17)	Normal (5/31)	Emergency (5/31)
Eastern	Warning	Unknown	Watch (6/17)	N/A	Warning (5/31)
Southern	Emergency		Watch (6/17)	N/A	Warning (5/31)

Summary of Hydrologic Indicators for June 11, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal (5/31)	Normal (5/31)	Normal (5/31)
Central	Warning	Emergency	Emergency (5/31)	Normal (5/31)	Emergency (5/31)
Eastern	Warning	Normal	Emergency (5/31)	N/A	Warning (5/31)
Southern	Emergency		Warning (5/31)	N/A	Warning (5/31)

Summary of Hydrologic Indicators for Month Ending May 31, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Warning	Emergency	Emergency	Normal	Emergency
Eastern	Warning	Normal	Emergency	N/A	Warning
Southern	Emergency		Warning	N/A	Warning

Summary of Hydrologic Indicators for April 16, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Watch	Warning (4/12)	Normal (4/1)	Warning
Central	Emergency	Emergency	Emergency (4/12)	Normal (4/1)	Emergency
Eastern	Emergency	Watch	Emergency (4/12)	N/A	Warning
Southern	Emergency		Warning (4/12)	N/A	Warning

Summary of Hydrologic Indicators for April 10, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Normal (4/9)	Warning (4/1)	Normal (4/1)	Warning
Central	Emergency	Emergency (4/9)	Emergency (4/1)	Normal (4/1)	Emergency
Eastern	Emergency	Warning (4/9)	Warning (4/1)	N/A	Warning
Southern	Emergency		Warning (4/1)	N/A	Warning

Summary of Hydrologic Indicators for April 2, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Normal	Warning (4/1)	Normal (4/1)	Warning
Central	Warning	Emergency	Emergency (4/1)	Normal (4/1)	Emergency
Eastern	Emergency	Unavailable	Warning (4/1)	N/A	Warning
Southern	Emergency		Warning (4/1)	N/A	Warning

Summary of Hydrologic Indicators for Mar 26, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Normal	Warning (3/6)	Normal	Warning
Central	Emergency	Warning	Emergency (3/6)	Normal	Imminent Emergency
Eastern	Emergency	Warning	Warning (3/6)	N/A	Warning
Southern	Emergency		Watch (3/6)	N/A	Watch

Summary of Hydrologic Indicators for Mar 19, 2002						
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status **[1]**	
Western	Emergency	Emergency	Warning (3/6)	Normal	Watch	Warning **[2]**
Central	Emergency	Emergency	Emergency (3/6)	Normal	Imminent Emergency	
Eastern	Emergency	Emergency	Warning (3/6)	N/A	Warning **[3]**	
Southern	Emergency	N/A	Watch (3/6)	N/A	Watch	

[1]The overall status reflects the analysis completed on March 6, 2002. The overall status is usually updated monthly. Individual indicators, particularly streamflow, may show short term fluctuations that are not indicative of the overall status.

[2]Washington County is Warning; Allegany and Garrett Counties remain in Watch.

[3] Overall status is based on additional factors including water utility status and seaso

Summary of Hydrologic Indicators for Mar 12, 2002						
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status **[1]**	
Western	Emergency	Warning	Warning (3/6)	Normal	Watch	Warning **[2]**
Central	Emergency	Emergency	Emergency (3/6)	Normal	Imminent Emergency	
Eastern	Emergency	Emergency	Warning (3/6)	N/A	Warning **[3]**	
Southern	Emergency	N/A	Watch (3/6)	N/A	Watch	

[1]The overall status reflects the analysis completed on March 6, 2002. The overall status is usually updated monthly. Individual indicators, particularly streamflow, may show short term fluctuations that are not indicative of the overall status.

[2]Washington County is Warning; Allegany and Garrett Counties remain in Watch.

[3] Overall status is based on additional factors including water utility status and seaso

Summary of Hydrologic Indicators for March 6, 2002						
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status **[1]**	
Western	Emergency	Warning	Warning (3/6)	Normal	Watch	Warning **[2]**
Central	Emergency	Emergency	Emergency (3/6)	Normal	Iminent Emergency	
Eastern	Emergency	Emergency	Warning (3/6)	N/A	Warning **[3]**	
Southern	Emergency	N/A	Watch (3/6)	N/A	Watch	

[1]The overall status reflects the analysis completed on March 6, 2002. The overall status is usually updated monthly. Individual indicators, particularly streamflow, may show short term fluctuations that are not indicative of the overall status.

[2]Washington County is Warning; Allegany and Garrett Counties remain in Watch.

[3] Overall status is based on additional factors including water utility status and seaso

Summary of Hydrologic Indicators for February 26, 2002						
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status **[1]**	
Western	Emergency	Watch	Normal (2/5)	Normal	Watch	Warning **[2]**
Central	Emergency	Emergency	Emergency (2/5)	Normal	Warning **[1]**	
Eastern	Emergency	Emergency	Warning (2/5)	N/A	Warning **[1]**	
Southern	Emergency	N/A	Watch (2/5)	N/A	Watch	

[1] Overall status is based on additional factors including water utility status and season

[2] Washington County is Warning; Allegany and Garrett Counties remain in Watch.

Summary of Hydrologic Indicators for January 29, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Emergency	Normal	Normal (12/31)	Normal	Normal
Central	Emergency	Warning	Warning (12/31)	Normal	Warning
Eastern	Emergency	Emergency	Warning (12/31)	N/A	Warning [1]
Southern	Emergency	N/A	Normal (12/31)	N/A	Normal

[1] Overall status is based on additional factors including water utility status and season

Summary of Hydrologic Indicators for December 31, 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Emergency	Watch	Normal	Normal	Watch
Central	Emergency	Warning	Warning	Normal	Warning
Eastern	Emergency	Emergency	Warning	N/A	Warning
Southern	Emergency	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for December 16, 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Emergency	Watch	Normal	Normal	Watch
Central	Emergency	Warning	Watch (11/30)	Normal	Warning
Eastern	Emergency	Warning	Watch (11/30)	N/A	Warning
Southern	Emergency	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for November 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Emergency	Watch	Normal	Normal	Watch
Central	Warning	Watch	Watch	Normal	Watch
Eastern	Emergency	Watch	Watch	N/A	Watch
Southern	Emergency	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Watch	Normal	Normal	Watch
Central	Watch	Warning	Normal	Normal	Watch
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for September 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Watch	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for Mid-September 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal[1]	Normal
Central	Watch	Warning	Normal	Normal[1]	Watch
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1]Preliminary, based on estimate of change from previous month

Summary of Hydrologic Indicators for August 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Watch	Watch	Normal	Normal	Watch
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for Mid-August 2001[2]					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal[1]	Normal
Central	Watch	Normal	Normal	Normal[1]	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[2]Rainfall and Streamflows updated through August 16.

Summary of Hydrologic Indicators for July 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal[1]	Normal
Central	Watch	Watch	Normal	Normal[1]	Watch
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

[1]Preliminary, based on estimate of change from previous month

Summary of Hydrologic Indicators for June 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Watch	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for May 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Watch	Normal	Normal	Normal	Normal
Eastern	Watch	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for April 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Watch	Normal	Normal	Normal	Normal
Eastern	Watch	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for March 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

December 2002 Hydrology Update

Summary of Hydrologic Indicators for December 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Normal	Normal	Emergency [1]
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

[1] Drought Emergency with restrictions eased to Level One on December 18, 2002.

Summary of Hydrologic Indicators for December 18, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal (12/10)	Normal (12/10)	Normal (11/30)	Normal (11/30)	Normal
Central	Normal (12/10)	Normal (12/10)	Watch (11/30)	Normal (11/30)	Emergency [1]
Eastern	Normal (12/10)	Normal (12/10)	Normal (11/30)	N/A	Normal
Southern	Watch (12/10)	N/A	Normal (11/30)	N/A	Normal

[1] Drought Emergency with restrictions eased to Level One on December 18, 2002.

Summary of Hydrologic Indicators for November 19, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal (10/31)	Normal
Central	Normal	Normal	Warning	Watch (10/31)	Emergency [2]
Eastern	Normal	Normal	Normal	N/A	Emergency [2]
Southern	Watch	N/A	Normal (10/31)	N/A	Normal

Summary of Hydrologic Indicators for November 12, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal (10/31)	Normal (10/31)	Normal
Central	Watch	Normal	Emergency (10/31)	Watch (10/31)	Emergency [2]
Eastern	Watch	Normal	Normal (10/31)	N/A	Emergency [2]
Southern	Watch	N/A	Normal (10/31)	N/A	Normal

Summary of Hydrologic Indicators for October 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Watch	Normal	Emergency	Watch	Emergency [2]
Eastern	Watch	Normal	Normal	N/A	Emergency [2]
Southern	Warning	N/A	Normal	N/A	Normal

[2] Drought Emergency with Level Two restrictions declared on August 27, 2002.

Drought Status Narative for 2002-12-31

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and monthly evaluations of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow have been evaluated weekly since drought conditions went to the warning stage in January 2002. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are evaluated on a regional basis. Precipitation, however, is also reviewed statewide and by county. The task force plan allows for staged response to drought, with conditions being in the "Normal," "Watch," "Warning," or "Emergency." In order for a region to be placed in the "Watch," "Warning," or "Emergency" stage, two or more indicators must be in that category or a higher level.

November 2002 Hydrology Update

Summary of Hydrologic Indicators for November 19, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal (10/31)	Normal
Central	Normal	Normal	Warning	Watch (10/31)	Emergency [1]
Eastern	Normal	Normal	Normal	N/A	Emergency [1]
Southern	Watch	N/A	Normal (10/31)	N/A	Normal

Summary of Hydrologic Indicators for November 12, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal (10/31)	Normal (10/31)	Normal
Central	Watch	Normal	Emergency (10/31)	Watch (10/31)	Emergency [1]
Eastern	Watch	Normal	Normal (10/31)	N/A	Emergency [1]
Southern	Watch	N/A	Normal (10/31)	N/A	Normal

Summary of Hydrologic Indicators for November 5, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal (10/31)	Normal (10/31)	Normal
Central	Watch	Normal	Emergency (10/31)	Watch (10/31)	Emergency [1]
Eastern	Watch	Normal	Normal (10/31)	N/A	Emergency [1]
Southern	Warning	N/A	Normal (10/31)	N/A	Normal

Summary of Hydrologic Indicators for October 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Watch	Normal	Emergency	Watch	Emergency [1]
Eastern	Watch	Normal	Normal	N/A	Emergency [1]
Southern	Warning	N/A	Normal	N/A	Normal

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Drought Status Narative for 2002-10-31

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and monthly evaluations of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow have been evaluated weekly since drought conditions went to the warning stage in January 2002. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are evaluated on a regional basis. Precipitation, however, is also reviewed statewide and by county. The task force plan allows for staged response to drought, with conditions being in the "Normal," "Watch," "Warning," or "Emergency." In order for a region to be placed in the "Watch," "Warning," or "Emergency" stage, two or more indicators must be in that category or a higher level.

Rainfall in October was above normal throughout the state. Since the beginning of August, precipitation has been above normal for every county except Garrett. Over the longer term, County deficits for the thirteen months from September 1, 2001 through October 31, 2002 range from 4.3 inches in Garrett County to 15.2 inches in Calvert County.

Reservoir storage has either increased or held steady throughout most of the state. The only exception is WSSC's Patuxent reservoirs, which suffered a slight decline. Reservoirs in the Western region have over 300 days of storage remaining. Potomac River flows are currently adequate and are not being supplemented with reservoir releases. WSSC's Patuxent reservoirs are estimated to have 102 days of storage remaining. Baltimore City's Loch Raven/Prettyboy system is estimated to have 114 days of storage remaining, not considering use of the Susquehanna Pipeline.

Groundwater levels have risen at most evaluated locations throughout the state. An examination of supplemental wells we do not normally use to determine status also show an upward trend at almost all locations. The following describes the status of drought throughout the State as of October 31, 2002.

WESTERN REGION

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was above normal for October. The accumulated precipitation deficit as of October 31 is 5.6 inches for the region as a whole, which indicates normal conditions. On a county-by-county basis, however, the precipitation deficit increases from 4.2 inches in Garrett County in the west to 7.8 inches in Washington County on the eastern edge of the region.

Streamflow indicators in this region as of November 5th are normal for all evaluated locations. Streamflows have been normal at all locations in this region at each week from October 15 to November 5.

The three evaluated wells are in the normal range and show higher ground water levels then the previous month. Two supplemental wells in the eastern part of Washington County were also examined. These supplemental wells, while still abnormally low, are improved from the previous readings. This condition in the eastern portion of Washington County is similar to what is being observed in the Central Region. The status for this region as a whole is ***NORMAL*** .

CENTRAL REGION

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas in Howard, Montgomery and Baltimore Counties supplied by the City of Baltimore or Washington Suburban Sanitary Commission water systems, make up this region.

Rainfall was above normal for October. Since September 1, 2001, precipitation ranged from 72% of normal for Howard County to 89% of normal for Frederick. The overall rainfall status for the region has improved to watch.

The recent above normal rainfall has improved groundwater levels. One of the four evaluated wells is now in the normal range. Three remain in the emergency range, but two of those have shown significant recovery from previous record low values.

As of November 5, streamflows were normal at all evaluated locations in the region. Streamflow status has been normal for the region as a whole at every evaluation from October 15 to November 5. Regular weekly precipitation has kept stream levels about normal during this period.

As of the end of October, 114 days of storage remained in the Prettyboy/Loch Raven reservoir system and 102 days of storage remained in WSSC's Patuxent Reservoirs. Therefore, the reservoir status indicates drought watch.

This region remains in an ***EMERGENCY*** continuing the mandatory Level Two emergency water use restrictions, which began to be in effect on August 27, 2002.

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. Rainfall was at or above normal for all counties in the region in October. Rainfall since September 2001 is 82 percent of normal. The rainfall indicator is now in the watch range.

Ground water levels have recovered at three of the four wells we evaluate on in the Eastern Region. The well in Somerset County, however, while improved, is still in the Emergency range. Overall, the ground water indicator is showing Normal conditions in this region.

The streamflow indicator has been within the normal range for every evaluation in October.

This region remains in an ***EMERGENCY*** continuing the mandatory Level Two emergency water use restrictions, which began to be in effect on August 27, 2002.

SOUTHERN REGION

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is ***NORMAL*** . Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since August 1, 2002 is 116 percent of normal, accumulated deficits since September indicate a drought warning. Ground water levels in the shallower aquifers indicate a drought watch in this region. An evaluation in of the deeper aquifers used by most water supplies in this region confirm that a groundwater status of normal represents reflect actual groundwater conditions.

BALTIMORE CITY

Baltimore City's three reservoirs are at approximately 46% as of the end of October. This is a three percent increase since the end of September. The City of Baltimore is supplementing their reservoirs by using water from the Susquehanna River and has declared certain mandatory water use restrictions. The Susquehanna flow was in the Normal range when evaluated on November 5. Rainfall deficits continue while water supplies remain adequate. As a result of the reduced reservoir storage, the Governor has declared a state of drought***EMERGENCY*** for the City of Baltimore service area. The Level Two restrictions, which began on August 27, 2002, remain in effect.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 43% of capacity, which is a decline of less then 1% since the end of September. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are at 73% of capacity. Flows on the Potomac remain adequate to meet all of D.C. area water supply and flowby requirements. Reservoirs in Western Maryland are beginning to recover as releases have stopped and are unlikely to restart this autumn. The drought ***WATCH*** declared by the Washington Council of Government for the WSSC service area remains in effect. Residents are encouraged to conserve water.

October 2002 Hydrology Update

Summary of Hydrologic Indicators for October 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Watch	Normal	Emergency	Watch	Emergency [1]
Eastern	Watch	Normal	Normal	N/A	Emergency [1]
Southern	Warning	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for October 22, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal (9/30)
Central	Watch	Normal	Emergency	Watch (9/30)	Emergency [1]
Eastern	Watch	Normal	Normal	N/A	Emergency [1]
Southern	Warning	N/A	Watch (9/30)	N/A	Watch (9/30)

Summary of Hydrologic Indicators for October 15, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal (9/30)	Normal (9/30)	Normal (9/30)
Central	Watch	Normal	Emergency (9/30)	Watch (9/30)	Emergency [1]
Eastern	Watch	Normal	Watch (9/30)	N/A	Emergency [1]
Southern	Warning	N/A	Watch (9/30)	N/A	Watch (9/30)

Summary of Hydrologic Indicators for October 8, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Normal (9/30)	Normal (9/30)	Normal (9/30)
Central	Warning	Emergency	Emergency (9/30)	Watch (9/30)	Emergency [1]
Eastern	Warning	Normal	Watch (9/30)	N/A	Emergency [1]
Southern	Emergency	N/A	Watch (9/30)	N/A	Watch (9/30)

[1] Drought Emergency with level two restrictions declared on August 27, 2002.

Drought Status Narative for 2002-10-31

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and monthly evaluations of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow have been evaluated weekly since drought conditions went to the warning stage in January 2002. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are evaluated on a regional basis. Precipitation, however, is also reviewed statewide and by county. The task force plan allows for staged response to drought, with conditions being in the "Normal," "Watch," "Warning," or "Emergency." In order for a region to be placed in the "Watch," "Warning," or "Emergency" stage, two or more indicators must be in that category or a higher level.

Rainfall in October was above normal throughout the state. Since the beginning of August, precipitation has been above normal for every county except Garrett. Over the longer term, County deficits for the thirteen months from September 1, 2001 through October 31, 2002 range from 4.3 inches in Garrett County to 15.2 inches in Calvert County.

Reservoir storage has either increased or held steady throughout most of the state. The only exception is WSSC's Patuxent reservoirs, which suffered a slight decline. Reservoirs in the Western region have over 300 days of storage remaining. Potomac River flows are currently adequate and are not being supplemented with reservoir releases. WSSC's Patuxent reservoirs are estimated to have 102 days of storage remaining. Baltimore City's Loch Raven/Prettyboy system is estimated to have 114 days of storage remaining, not considering use of the Susquehanna Pipeline.

Groundwater levels have risen at most evaluated locations throughout the state. An examination of supplemental wells we do not normally use to determine status also show an upward trend at almost all locations. The following describes the status of drought throughout the State as of October 31, 2002.

WESTERN REGION

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was above normal for October. The accumulated precipitation deficit as of October 31 is 5.6 inches for the region as a whole, which indicates normal conditions. On a county-by-county basis, however, the precipitation deficit increases from 4.2 inches in Garrett County in the west to 7.8 inches in Washington County on the eastern edge of the region.

Streamflow indicators in this region as of November 5th are normal for all evaluated locations. Streamflows have been normal at all locations in this region at each week from October 15 to November 5.

The three evaluated wells are in the normal range and show higher ground water levels then the previous month. Two supplemental wells in the eastern part of Washington County were also examined. These supplemental wells, while still abnormally low, are improved from the previous readings. This condition in the eastern portion of Washington County is similar to what is being observed in the Central Region. The status for this region as a whole is ***NORMAL*** .

CENTRAL REGION

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas in Howard, Montgomery and Baltimore Counties supplied by the City of Baltimore or Washington Suburban Sanitary Commission water systems, make up this region.

Rainfall was above normal for October. Since September 1, 2001, precipitation ranged from 72% of normal for Howard County to 89% of normal for Frederick. The overall rainfall status for the region has improved to watch.

The recent above normal rainfall has improved groundwater levels. One of the four evaluated wells is now in the normal range. Three remain in the emergency range, but two of those have shown significant recovery from previous record low values.

As of November 5, streamflows were normal at all evaluated locations in the region. Streamflow status has been normal for the region as a whole at every evaluation from October 15 to November 5. Regular weekly precipitation has kept stream levels about normal during this period.

As of the end of October, 114 days of storage remained in the Prettyboy/Loch Raven reservoir system and 102 days of storage remained in WSSC's Patuxent Reservoirs. Therefore, the reservoir status indicates drought watch.

This region remains in an ***EMERGENCY*** continuing the mandatory Level Two emergency water use restrictions, which began to be in effect on August 27, 2002.

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. Rainfall was at or above normal for all counties in the region in October. Rainfall since September 2001 is 82 percent of normal. The rainfall indicator is now in the watch range.

Ground water levels have recovered at three of the four wells we evaluate on in the Eastern Region. The well in Somerset County, however, while improved, is still in the Emergency range. Overall, the ground water indicator is showing Normal conditions in this region.

The streamflow indicator has been within the normal range for every evaluation in October.

This region remains in an ***EMERGENCY*** continuing the mandatory Level Two emergency water use restrictions, which began to be in effect on August 27, 2002.

SOUTHERN REGION

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is ***NORMAL***. Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since August 1, 2002 is 116 percent of normal, accumulated deficits since September indicate a drought warning. Ground water levels in the shallower aquifers indicate a drought watch in this region. An evaluation in of the deeper aquifers used by most water supplies in this region confirm that a groundwater status of normal represents reflect actual groundwater conditions.

BALTIMORE CITY

Baltimore City's three reservoirs are at approximately 46% as of the end of October. This is a three percent increase since the end of September. The City of Baltimore is supplementing their reservoirs by using water from the Susquehanna River and has declared certain mandatory water use restrictions. The Susquehanna flow was in the Normal range when evaluated on November 5. Rainfall deficits continue while water supplies remain adequate. As a result of the reduced reservoir storage, the Governor has declared a state of drought***EMERGENCY*** for the City of Baltimore service area. The Level Two restrictions, which began on August 27, 2002, remain in effect.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 43% of capacity, which is a decline of less then 1% since the end of September. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are at 73% of capacity. Flows on the Potomac remain adequate to meet all of D.C. area water supply and flowby requirements. Reservoirs in Western Maryland are beginning to recover as releases have stopped and are unlikely to restart this autumn. The drought ***WATCH*** declared by the Washington Council of Government for the WSSC service area remains in effect. Residents are encouraged to conserve water.

September 2002 Hydrology Update

Summary of Hydrologic Indicators for September 30, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Warning	Emergency	Emergency	Watch	Emergency [1]
Eastern	Warning	Normal	Watch	N/A	Emergency [1]
Southern	Emergency	N/A	Watch	N/A	Watch

Summary of Hydrologic Indicators for September 17, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Warning	Normal	Normal (8/31)	Watch (8/31)
Central	Warning	Emergency	Emergency	Watch (8/31)	Emergency [1]
Eastern	Warning	Normal	Normal	N/A	Emergency [1]
Southern	Emergency		Warning (8/31)	N/A	Warning (8/31)

Summary of Hydrologic Indicators for September 10, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch (9/9)	Watch	Watch (9/2)	Normal (9/2)	Watch
Central	Warning (9/9)	Warning	Emergency (9/2)	Watch (9/2)	Emergency [1]
Eastern	Warning (9/9)	Emergency	Emergency (9/2)	N/A	Emergency [1]
Southern	Emergency (9/9)	N/A	Warning (9/2)	N/A	Warning

Summary of Hydrologic Indicators for September 2, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Watch	Normal	Watch
Central	Warning	Warning	Emergency	Watch	Emergency [1]
Eastern	Warning	Emergency	Emergency	N/A	Emergency [1]
Southern	Emergency	N/A	Warning	N/A	Warning

Drought Status Narative for 2002-09-30

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and monthly evaluations of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow have been evaluated weekly since drought conditions went to the warning stage in January 2002. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are evaluated on a regional basis. Precipitation, however, is also reviewed statewide and by county. The task force plan allows for staged response to drought, with conditions being in the "Normal," "Watch," "Warning," or "Emergency." In order for a region to be placed in the "Watch," "Warning," or "Emergency" stage, two or more indicators must be in that category or a higher level.

Rainfall in September was above normal in the Western, Central and Eastern regions and as a statewide average. Since the beginning of July, precipitation has ranged from a low of 71% of normal in the Southern region to a high of 95% of normal for the Western region. County deficits since September 1, 2001 range from 4.9 inches in Garrett County to 18.5 inches in Calvert County.

Reservoir storage has declined in the Baltimore City, Cumberland, WSSC and Potomac reservoir systems. Reservoirs in the Western region have over 300 days of storage remaining. Storage in the Loch Raven/Prettyboy system has declined to 49% of available storage and is estimated to be sufficient for about 105 days, not considering the continued use of the Susquehanna pipeline. Storage in WSSC's Patuxent reservoirs has declined to 44% of available or about enough for 100 days of operation. The combined storage of Jennings Randolph and Little Seneca Lake is at 65% of capacity, but they are refilling, as they are not currently being used to supplement Potomac River flows.

Groundwater continues to set record low levels in the Central region. The following describes the status of drought throughout the State as of September 30, 2002.

WESTERN REGION

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was above normal for September. The accumulated precipitation deficit is now 7.2 inches for the region as a whole, which indicates normal conditions. On a county-by-county basis, however, the precipitation deficit increases from 4.9 inches in Garrett County in the west to 9.7 inches in Washington County on the eastern edge of the region.

Streamflows indicators in this region as of September 30 were normal at all gages, but daily values have declined outside the normal range as of October 3. Antietam Creek, while much improved, was indicating a drought emergency throughout most of the month and, as of October 3, has a daily flow value in the lower ten percent of the record.

The three evaluated wells are in the normal range. However, an analysis of well replacement data for Washington county, combined with an examination of other wells monitored by USGS and considering the unremitting, in many cases record setting, low flow of Antietam Creek for most of the month indicate that the eastern portion of Washington county is experiencing ground water levels that are significantly below normal. The status for this region as a whole remains ***NORMAL***. The portion of Washington County east of Fairview Mountain, however, is experiencing drought conditions consistent with the emergency conditions of the Central region.

CENTRAL REGION

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas in Howard, Montgomery and Baltimore Counties supplied by the City of Baltimore or Washington Suburban Sanitary Commission water systems, make up this region.

Rainfall was above normal for September. Since September 1, 2001, precipitation ranged from 65% of normal for Howard County to 83% of normal for Frederick. The overall rainfall status for the region remains in warning.

The recent above normal rainfall has had little effect on ground water levels, which continue to remain in the Emergency range. All four wells MDE evaluates were at record low levels for this time of year. Three of the four wells set all time record lows.

Although streamflows were normal for the week ending September 30, they were at Emergency levels for every other evaluation in September. As of October 3, the stream gages at Unity and Rocks have again declined to record low values for the day, and the gage at Antietam is in the lower 10% of the record for this date. Accordingly, the stream flow indicator is in the Emergency range.

As of the end of September, 105 days of storage remained in the Prettyboy/Loch Raven reservoir system and 100 days of storage remained in WSSC's Patuxent Reservoirs. Therefore, the reservoir status indicates drought watch.

This region remains in an ***EMERGENCY*** and mandatory Level Two emergency water use restrictions began to be in effect on August 27, 2002.

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. Rainfall was at or above normal for all counties in the region in September. Rainfall since September 2001 is 73 percent of normal. The rainfall indicator is now in the warning range.

Ground water levels showed some benefit from the recent rainfall with one well within the range of Normal variation and another two wells in the Watch Range. The well in Somerset county, however, is at an all time record low. Overall, the ground water indicator is showing a drought watch for this region.

The streamflow indicator has been within the normal range for every evaluation in September.

On August 27, 2002, the Governor declared a drought ***EMERGENCY*** for the Eastern region and implemented Level Two emergency restrictions. These remain in effect.

SOUTHERN REGION

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is ***WATCH***. Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since July 1, 2002 is in within the watch range, accumulated deficits since September indicate a drought emergency. Ground water levels in the shallower aquifers indicate a drought watch in this region. An evaluation in of the deeper aquifers used by most water supplies in this region confirm that a groundwater status of drought watch represents reflect actual groundwater conditions. Voluntary water conservation should continue.

BALTIMORE CITY

Baltimore City's three reservoirs are at approximately 43% as of the end of September. This is a five percent drop since the end of August. The City of Baltimore is supplementing their reservoirs by using water from the Susquehanna River and has declared mandatory restrictions on water use. The Susquehanna flow was in the Normal range when evaluated on September 30. Rainfall deficits continue while water supplies remain adequate. As a result of the reduced reservoir storage, the Governor has declared a state of drought***EMERGENCY*** for the City of Baltimore and Level Two restrictions began on August 27, 2002.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 44% of capacity, which is a decline of 8% since the end of August. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are at 65% of capacity. Flows on the Potomac remain adequate to meet all of D.C. area water supply and flowby requirements. Reservoirs in Western Maryland are beginning to recover as releases have stopped and are unlikely to restart this autumn. The drought ***WATCH*** declared by the Washington Council of Government for the WSSC service area remains in effect. Residents are encouraged to conserve water.

August 2002 Hydrology Update

Summary of Hydrologic Indicators for August 27, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Warning	Emergency	Emergency	Watch	Emergency [1]
Eastern	Emergency	Emergency	Emergency	N/A	Emergency [1]
Southern	Emergency	N/A	Watch (7/31)	N/A	Watch

[1] Drought Emergency with levle two restrictions declared on August 27, 2002.

Summary of Hydrologic Indicators for August 20, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Warning	Normal	Normal	Normal
Central	Warning	Emergency	Emergency	Watch	Emergency
Eastern	Emergency	Emergency (8/13)	Emergency	N/A	Emergency
Southern	Emergency	N/A	Watch (7/31)	N/A	Watch

Summary of Hydrologic Indicators for August 13, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Normal (7/31)	Normal	Normal (7/31)
Central	Warning	Emergency	Emergency (7/31)	Normal	Emergency (7/31)
Eastern	Emergency	Emergency	Emergency (7/31)	N/A	Warning (7/31)
Southern	Emergency		Watch (7/31)	N/A	Watch (7/31)

Summary of Hydrologic Indicators for August 6, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Normal (7/31)	Normal	Normal (7/31)
Central	Warning	Emergency	Emergency (7/31)	Normal	Emergency (7/31)

Eastern	Emergency	Emergency	Emergency (7/31)	N/A	Warning (7/31)
Southern	Emergency		Watch (7/31)	N/A	Watch (7/31)

Summary of Hydrologic Indicators for July 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal (7/30)	Normal	Normal	Normal
Central	Warning	Emergency (7/30)	Emergency	Normal	Emergency
Eastern	Warning	Normal (7/30)	Emergency	N/A	Warning
Southern	Emergency		Watch	N/A	Watch

Drought Status Narative for 2002-08-20

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and monthly evaluations of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow have been evaluated weekly since drought conditions went to the warning stage in January, 2002. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are evaluated on a regional basis. Precipitation, however, is also reviewed statewide and by county. The task force plan allows for staged response to drought, with conditions being in the “Normal,” “Watch,” “Warning,” or “Emergency.” In order for a region to be placed in the “Watch,” “Warning,” or “Emergency” stage, two or more indicators must be in that category or a higher level.

Rainfall in July was below normal in the Central, Eastern and Southern regions. This trend has continued through the first three weeks of August. Since the beginning of May precipitation has ranged from a low of 53% of normal for the Eastern region to a high of 92% of normal for the Western region. County deficits since September 1, 2001 range from 3.9 inches for Garrett County to 19.8 inches for Talbot County.

Reservoir levels have declined across the state. In the Western region, the majority of reservoirs were at or above 95% full. As of the end of July, reservoir storage in the Baltimore City system and in WSSC's Patuxent reservoirs had declined by 6% since July 1. As of August 20, Baltimore City's reservoir system had declined an additional 7%, and the WSSC Triadelphia and Rocky Gorge reservoirs by approximately 5%. Reservoir releases began on Jennings Randolph and Little Seneca Lake to augment the low flow in the Potomac River. As of August 21 the reservoirs retained 96% and 88% of their storage capacity for water supply.

Groundwater continues to set record low levels in the Central region. The following describes the status of drought throughout the State as of August 20, 2002.

WESTERN REGION

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was above normal for July, yet below normal for the first three week of August. The accumulated deficit is now 7.8 inches. The precipitation indicator status has held steady as a drought Watch. Streamflows indicators in this region as of August 20, 2002 were at the warning stage with the easternmost gage setting record low levels. The three evaluated wells are in the Normal range. While conditions in Washington County are drier than the other two counties, the status for this region as a whole remains in the ***NORMAL*** range.

CENTRAL REGION

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas in Howard, Montgomery and Baltimore Counties supplied by the City of Baltimore or Washington Suburban Sanitary Commission water systems, make up this region. Rainfall through the first three weeks of August continues to be below normal throughout the region. Since September 1, 2001 precipitation ranged from 58% of normal for Howard County to 74% of normal for Frederick and Montgomery Counties. The overall rainfall status for the region remains in Warning. Ground water levels continue to remain in the Emergency range. All four wells MDE evaluates were at record low levels for this time of year. Stream flows in the Central region are setting record lows. The stream flow indicator was in the emergency range for every evaluation made in August. This region remains in an ***EMERGENCY*** and mandatory Level Two emergency water use restrictions begin to be in effect as of August 27, 2002.

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. Rainfall for July was below normal for all counties in the region and continued below normal in August. The rainfall from September 1, 2001 through August 25, 2002 was 61% of normal for an accumulated rainfall deficit of 16.5 inches. The rainfall indicator is now in the Emergency range. Ground water levels now show three of the four monitoring wells at record low levels for this time of year. The remaining well is in the Normal range. The overall groundwater status for the region is Emergency. When last evaluated for the week ending August 13, the streamflow indicator was also indicating a drought Emergency. Based on these indicators, the Governor has declared a drought ***EMERGENCY*** for the Eastern region and Level Two emergency restrictions begin on August 27, 2002.

SOUTHERN REGION

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is ***WATCH***. Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since May 1, 2002 is in within the Watch range, accumulated deficits since September indicate a drought Emergency. Ground water levels in the shallower aquifers indicate a drought Warning in this region. However, an evaluation in of the deeper aquifers used by most water supplies in this region indicates that a groundwater status of drought Watch would more closely reflect actual groundwater conditions. Voluntary water conservation should continue.

BALTIMORE CITY

Baltimore City's three reservoirs are at approximately 48% as of the end of August 21. This is a seven percent drop since the end of July. The City of Baltimore is supplementing their reservoirs by using about 64 million gallon per day from the Susquehanna River and has declared mandatory restrictions on water use. The Susquehanna flow was in the Emergency range when last evaluated on August 20. Rainfall deficits continue while water supplies remain adequate. As a result of the reduced reservoir storage, the Governor has declared a state of drought ***EMERGENCY*** for the City of Baltimore and Level Two restrictions will begin on August 27, 2002.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 54% of capacity, which is a decline of 11% since July 1 and 19% from the 73% reported at the end of June. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are above 85% of capacity. Flows on the Potomac remain adequate to meet all of D.C. area water supply and flowby requirements. The drought ***WATCH*** declared by the Washington Council of Government for the WSSC service area remains in effect. Residents are encouraged to conserve water.

July 2002 Hydrology Update

Summary of Hydrologic Indicators for July 23, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch (6/22)	Normal	Normal	Normal (6/30)	Watch (6/30)
Central	Warning (6/22)	Emergency	Emergency	Normal (6/30)	(6/30)
Eastern	(6/22)	Emergency	Warning	N/A	Warning (6/30)
Southern	(6/22)		Normal	N/A	Watch (6/30)

Summary of Hydrologic Indicators for July 16, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Watch (6/30)	Normal (6/30)	Watch (6/30)
Central	Warning	Emergency	(6/30)	Normal (6/30)	(6/30)
Eastern	Emergency	Watch	Warning (6/30)	N/A	Warning (6/30)
Southern	Emergency		Watch (6/30)	N/A	Watch (6/30)

Summary of Hydrologic Indicators for July 9, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Watch (6/30)	Normal (6/30)	Watch (6/30)
Central	Warning	Emergency	(6/30)	Normal (6/30)	(6/30)
Eastern	Emergency	Watch	Warning (6/30)	N/A	Warning (6/30)
Southern	Emergency		Watch (6/30)	N/A	Watch (6/30)

Summary of Hydrologic Indicators for June 30, 2002

Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Watch	Normal	Watch
Central	Warning	Emergency	Emergency	Normal	Emergency
Eastern	Warning	Normal	Warning	N/A	Warning
Southern	Emergency		Watch	N/A	Watch

[1] While the status for the whole region is normal, indicators for Washington County are in warning.

Drought Status Narative for 2002-06-30

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and monthly evaluations of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow have been evaluated weekly since drought conditions went to the warning stage in January, 2002. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are evaluated on a regional basis. Precipitation, however, is also reviewed statewide and by county. The task force plan allows for staged response to drought, with conditions being in the “Normal,” “Watch,” “Warning,” or “Emergency.” In order for a region to be placed in the “Watch,” “Warning,” or “Emergency” stage, two or more indicators must be in that category or a higher level.

Rainfall in June was below normal in all regions. Although rainfall for the past three months was slightly above normal in the Western region and within the range of normal variation for the remainder of the state, statewide deficits since September persist. County deficits since September range from 3.2 to 16.1 inches. Reservoirs in the Western Region are full and storage levels for WSSC's Patuxent Reservoirs have improved, but storage levels in the Baltimore City reservoir system are essentially unchanged, and remain lower than expected for this time of year.

Groundwater continues to set record low levels in the Central region. The following describes the status of drought throughout the State.

Western Region

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was below normal for June, increasing the accumulated deficit to 6.7 inches. The precipitation indicator status has held steady as a drought Watch. Streamflows indicators in this region started dropping toward the end of the month and finished the month with one stream gage within the normal range, two showing a drought watch, and the easternmost gage setting record low levels. Two of the three evaluated wells are in the Watch range; one remains within the range of normal variation. The status for this region as a whole has changed from normal to ***WATCH***. Voluntary water conservation should continue.

Central Region

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas in Howard, Montgomery and Baltimore Counties supplied by the City of Baltimore or Washington Suburban Sanitary Commission water systems, make up this region. Precipitation deficits in June ranged from 1.7 inches in Howard County to .9 inches in Baltimore County. The overall rainfall status for the region remains in Warning. Ground water levels continue to remain in the Emergency range. All four wells MDE evaluates were at record low levels for this time of year. Stream flows were at emergency levels at all four stream gages for most of the month and ended the evaluation period with all four of the stream gage at emergency levels. This region remains in an ***EMERGENCY*** and mandatory Level One emergency water use restrictions continue to be in effect.

Eastern Region

Kent, Queen Anne’s, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. The overall status of this region remains in ***WARNING***. Rainfall for June was below normal for most counties, ranging from 2.2 inches below normal for Talbot County to .4 inches above normal for Worcester County. Rainfall deficits since September 1 remain in the Warning range and the twelve-month deficit is now in the Watch range. Ground water levels now show two of the four monitoring wells in the Warning range and two in the Emergency range. This is a slight improvement over May, which ended with three wells in the Emergency range. Streamflow is in the Normal range. Voluntary water conservation should continue.

Southern Region

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is ***WATCH***. Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since April 1, 2002 (three month) is in within the range of normal variation, accumulated deficits since September indicate a drought Emergency. Ground water levels in the shallower aquifers indicate a drought Warning in this region. However, an evaluation in of the deeper aquifers used by most water supplies in this region indicates that a groundwater status of drought Watch would more closely reflect actual groundwater conditions. Voluntary water conservation should continue.

Baltimore City

Baltimore City's three reservoirs are at approximately 62% of capacity as of the end of June. This is essentially unchanged from the previous month. The City of Baltimore is supplementing their reservoirs by using water from the Susquehanna River and has asked for the voluntary conservation of water. The Susquehanna flow is currently at Normal levels. Rainfall deficits continue while water supplies remain adequate. The overall status remains in ***WARNING***.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 73% of capacity. This is an improvement from 56% of capacity reported at the end of February, 62% at the end of April and 70% at the end of May. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are at nearly 100% capacity. Flows on the Potomac remain adequate to meet all of D.C. area water supply and flowby requirements. The drought ***WATCH*** declared by the Washington Council of Government for the WSSC service area remains in effect. Residents are encouraged to conserve water.

June 2002 Hydrology Update

Summary of Hydrologic Indicators for June 25, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Watch	Watch (6/17)	Normal (5/31)	Normal (5/31)
Central	Warning	Emergency	Emergency (6/17)	Normal (5/31)	Emergency (5/31)
Eastern	Warning	Normal	Watch (6/17)	N/A	Warning (5/31)
Southern	Emergency		Watch (6/17)	N/A	Warning (5/31)

Summary of Hydrologic Indicators for June 18, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Watch (6/17)	Normal (5/31)	Normal (5/31)
Central	Warning	Warning	Emergency (6/17)	Normal (5/31)	Emergency (5/31)
Eastern	Warning	Unknown	Watch (6/17)	N/A	Warning (5/31)
Southern	Emergency		Watch (6/17)	N/A	Warning (5/31)

Summary of Hydrologic Indicators for June 11, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal (5/31)	Normal (5/31)	Normal (5/31)
Central	Warning	Emergency	Emergency (5/31)	Normal (5/31)	Emergency (5/31)
Eastern	Warning	Normal	Emergency (5/31)	N/A	Warning (5/31)
Southern	Emergency		Warning (5/31)	N/A	Warning (5/31)

Summary of Hydrologic Indicators for Month Ending May 31, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Warning	Emergency	Emergency	Normal	Emergency
Eastern	Warning	Normal	Emergency	N/A	Warning
Southern	Emergency		Warning	N/A	Warning

Drought Status Narative for 2002-05-31

These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow are being evaluated weekly since drought conditions went to the warning stage in January. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are primarily evaluated on a regional basis. Precipitation, however, is reviewed also statewide and by county. The task force plan allows for staged response to drought, with conditions being in the “Normal,” “Watch,” “Warning,” or “Emergency.” In order for a region to be placed in the “Watch,” “Warning,” or “Emergency” stage, two or more indicators must be outside of the “Normal” range.

While rainfall was above normal for the Western region, statewide it was slightly below normal for May. Although rainfall for the past three months is slightly above normal, statewide deficits since September persist. County deficits since September range from 2.5 to 14.5 inches. Reservoirs in the Western Region are full, but storage levels are only slightly improved in the Central region, where they remain lower than expected for this time of year.

Groundwater status is unchanged since April in the Western, Central and Southern regions but has declined from Normal to Emergency in the Eastern region. The following describes the status of drought throughout the State.

WESTERN REGION

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was above normal for May, reducing the accumulated deficit to 6.0 inches. The precipitation indicator status improved from Warning to Watch. Three of the four monitored rivers finished the monitoring period within the range of normal variation, though the Eastern most river, Antietam Creek, remains in the Emergency range. Two of the three evaluated wells are within the range of normal variation. The status for this region as a whole is***NORMAL*** . Voluntary water conservation should continue.

CENTRAL REGION

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas in Howard, Montgomery and Baltimore Counties supplied by the City of Baltimore or Washington Suburban Sanitary Commission water systems, make up this region. Precipitation in May varied from .8 inches above normal in Montgomery County to .9 inches below normal in Howard County. The overall rainfall status for the region improved to Warning. Ground water levels continue to remain in the Emergency range. All four wells we evaluate were at record low levels for this time of year. Stream flows were at emergency levels at all four stream gages for most of the month and ended the evaluation period with two of the four stream gage at emergency levels. This region remains in an ***EMERGENCY*** and phase one emergency restrictions continue.

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. The overall status of this region has degraded to ***WARNING***. Rainfall deficits since September 1 remain in the Warning range and both short (three month) and long term (twelve month) rainfall deficits are within the range of normal variation. Ground water levels declined to Emergency levels at three of four wells we evaluate. Streamflow is in the Normal range. Voluntary water conservation should continue.

SOUTHERN REGION

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is ***WARNING***. Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since March 1, 2002 (three month) is in within the range of normal variation, accumulated deficits since September indicate a drought Emergency. Ground water levels in the shallower aquifers also indicate a drought Warning in this region. The deeper aquifers used by most water supplies in this region are not experiencing any difficulties at this time. Voluntary water conservation should continue.

BALTIMORE CITY

Baltimore City's three reservoirs are at approximately 62% of capacity as of the end of May. This is an improvement from 59% of capacity reported at the end of January but is essentially unchanged from the end of April. The City of Baltimore is supplementing their reservoirs by using water from the Susquehanna River and has asked for the voluntary conservation of water. The Susquehanna flow is currently at Normal levels. Rainfall deficits continue while water supplies remain adequate. The overall status remains in ***WARNING***.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 70% of capacity. This is an improvement from 56% of capacity reported at the end of February and the 62% at the end of April. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are at nearly 100% capacity. Streamflows on the Potomac remain adequate to meet all of D.C. area water supply and flowby requirements. The drought ***WATCH*** declared by the Washington Council of Government for the WSSC service area remains in effect. Residents are encouraged to conserve water.

May 2002 Hydrology Update

Summary of Hydrologic Indicators for May 28, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status(4/30)
Western	Watch	Normal	Normal (5/14)	Normal (4/30)	Normal
Central	Warning	Emergency	Emergency (5/14)	Normal (4/30)	Emergency
Eastern	Warning	Normal	Normal (5/14)	N/A	Watch
Southern	Emergency		Watch (5/14)	N/A	Warning

Summary of Hydrologic Indicators for May 22, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status(4/30)
Western	Watch	Normal (5/21)	Normal (5/14)	Normal (4/30)	Normal
Central	Warning	Emergency (5/21)	Emergency (5/14)	Normal (4/30)	Emergency
Eastern	Warning	Normal(5/21)	Normal (5/14)	N/A	Watch
Southern	Emergency		Watch (5/14)	N/A	Warning

Summary of Hydrologic Indicators for May 14, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status(4/30)
Western	Watch	Normal	Normal	Normal (4/30)	Normal
Central	Warning	Emergency	Emergency	Normal (4/30)	Emergency
Eastern	Warning	Normal	Normal	N/A	Watch
Southern	Emergency		Watch	N/A	Warning

Summary of Hydrologic Indicators for May 7, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status (4/30)
Western	Watch	Normal	Normal (5/1)	Normal	Normal
Central	Warning	Warning	Emergency (5/1)	Normal	Emergency
Eastern	Warning	Normal	Normal (5/1)	N/A	Watch
Southern	Emergency		Warning (5/1)	N/A	Warning

[1] While the status for the whole region is normal, indicators for Washington County are in warning.

Drought Status Narative for 2002-05-31

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and a monthly evaluation of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow are being evaluated weekly since drought conditions went to the warning stage in January. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are primarily evaluated on a regional basis. Precipitation, however, is reviewed also statewide and by county. The task force plan allows for staged response to drought, with conditions being in the “Normal,” “Watch,” “Warning,” or “Emergency.” In order for a region to be placed in the “Watch,” “Warning,” or “Emergency” stage, two or more indicators must be outside of the “Normal” range.

While rainfall was above normal for the Western region, statewide it was slightly below normal for May. Although rainfall for the past three months is slightly above normal, statewide deficits since September persist. County deficits since September range from 2.5 to 14.5 inches. Reservoirs in the Western Region are full, but storage levels are only slightly improved in the Central region, where they remain lower than expected for this time of year.

Groundwater status is unchanged since April in the Western, Central and Southern regions but has declined from Normal to Emergency in the Eastern region. The following describes the status of drought throughout the State.

WESTERN REGION

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was above normal for May, reducing the accumulated deficit to 6.0 inches. The precipitation indicator status improved from Warning to Watch. Three of the four monitored rivers finished the monitoring period within the range of normal variation, though the Eastern most river, Antietam Creek, remains in the Emergency range. Two of the three evaluated wells are within the range of normal variation. The status for this region as a whole is**NORMAL**. Voluntary water conservation should continue.

CENTRAL REGION

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas in Howard, Montgomery and Baltimore Counties supplied by the City of Baltimore or Washington Suburban Sanitary Commission water systems, make up this region. Precipitation in May varied from .8 inches above normal in Montgomery County to .9 inches below normal in Howard County. The overall rainfall status for the region improved to Warning. Ground water levels continue to remain in the Emergency range. All four wells we evaluate were at record low levels for this time of year. Stream flows were at emergency levels at all four stream gages for most of the month and ended the evaluation period with two of the four stream gage at emergency levels. This region remains in an **EMERGENCY**and phase one emergency restrictions continue.

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. The overall status of this region has degraded to **WARNING.** Rainfall deficits since September 1 remain in the Warning range and both short (three month) and long term (twelve month) rainfall deficits are within the range of normal variation. Ground water levels declined to Emergency levels at three of four wells we evaluate. Streamflow is in the Normal range. Voluntary water conservation should continue.

SOUTHERN REGION

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is **WARNING.**Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since March 1, 2002 (three month) is in within the range of normal variation, accumulated deficits since September indicate a drought Emergency. Ground water levels in the shallower aquifers also indicate a drought Warning in this region. The deeper aquifers used by most water supplies in this region are not experiencing any difficulties at this time. Voluntary water conservation should continue.

BALTIMORE CITY

Baltimore City's three reservoirs are at approximately 62% of capacity as of the end of May. This is an improvement from 59% of capacity reported at the end of January but is essentially unchanged from the end of April. The City of Baltimore is supplementing their reservoirs by using water from the Susquehanna River and has asked for the voluntary conservation of water. The Susquehanna flow is currently at Normal levels. Rainfall deficits continue while water supplies remain adequate. The overall status remains in ***WARNING***.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 70% of capacity. This is an improvement from 56% of capacity reported at the end of February and the 62% at the end of April. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are at nearly 100% capacity. Streamflows on the Potomac remain adequate to meet all of D.C. area water supply and flowby requirements. The drought **WATCH** declared by the Washington Council of Government for the WSSC service area remains in effect. Residents are encouraged to conserve water.

April 2002 Hydrology Update

Summary of Hydrologic Indicators for April 23, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status (4/5)
Western	Warning	Normal	Warning (4/12)	Normal (4/1)	Warning
Central	Emergency	Emergency	Emergency (4/12)	Normal (4/1)	Emergency
Eastern	Emergency	Watch	Emergency (4/12)	N/A	Warning
Southern	Emergency		Warning (4/12)	N/A	Warning

Summary of Hydrologic Indicators for April 16, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status (4/5)
Western	Warning	Watch	Warning (4/12)	Normal (4/1)	Warning
Central	Emergency	Emergency	Emergency (4/12)	Normal (4/1)	Emergency
Eastern	Emergency	Watch	Emergency (4/12)	N/A	Warning
Southern	Emergency		Warning (4/12)	N/A	Warning

Summary of Hydrologic Indicators for April 10, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status (4/5)
Western	Warning	Normal (4/9)	Warning (4/1)	Normal (4/1)	Warning
Central	Emergency	Emergency (4/9)	Emergency (4/1)	Normal (4/1)	Emergency
Eastern	Emergency	Warning (4/9)	Warning (4/1)	N/A	Warning
Southern	Emergency		Warning (4/1)	N/A	Warning
Summary of Hydrologic Indicators for April 2, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status (4/5)
Western	Warning	Normal	Warning (4/1)	Normal (4/1)	Warning
Central	Warning	Emergency	Emergency (4/1)	Normal (4/1)	Emergency
Eastern	Emergency	Unavailable	Warning (4/1)	N/A	Warning
Southern	Emergency		Warning (4/1)	N/A	Warning

[1] The overall status reflects the analysis completed on March 6, 2002. The overall status is usually updated monthly. Individual indicators, particularly streamflow, may show short term fluctuations that are not indicative of the overall status.

[2] Washington County is Warning; Allegany and Garrett Counties remain in Watch.

[3] Overall status is based on additional factors including water utility status and season

Drought Status Narative for 2002-04-02

In order to monitor drought conditions across the State, Maryland Department of the Environment performs both weekly and a monthly evaluation of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow are being evaluated weekly since drought conditions went to the warning stage in January. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was endorsed by the Water Conservation/Drought Task Force Committee to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are primarily evaluated on a regional basis. Precipitation, however, is reviewed also statewide and by county. The task force plan allows for staged response to drought, with conditions being in the “Normal,” “Watch,” “Warning,” or “Emergency.” In order for a region to be placed in the “Watch,” “Warning,” or “Emergency” stage, two or more indicators must be outside of the “Normal” range.

Although rainfall was above normal for March, statewide deficits since September persist. County deficits since September range from 5.7 to 12.6 inches. Reservoir storage levels have improved slightly since last month but are lower than expected for this time of year. Groundwater levels continue below normal throughout the state. The following describes the status of drought throughout the State.

WESTERN REGION

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was above normal for March, reducing the accumulated deficit to 7.2 inches and improved the precipitation indicator from Emergency to Warning. Three of the four monitored rivers finished the monitoring period within the range of normal variation, though the Eastern most river, Antietam Creek, remains in the Emergency range. Although the monitoring well in Garrett County is within the range of normal variation, the monitoring well in Washington county is in the Emergency range. A greater than normal number of replacement wells have been drilled in the last quarter in Washington County. The status for this region is ***WARNING*.**

CENTRAL REGION

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas in Howard, Montgomery and Baltimore Counties supplied by the City of Baltimore or Washington Suburban Sanitary Commission water systems, make up this region. Precipitation in March was above normal, reducing the accumulated deficit to 8.8 inches. Ground water levels continue to remain in the Emergency range. Three of the four wells we evaluate were at record low levels for this time of year. Stream flows are currently at emergency levels. Some water systems have enacted water restrictions to reduce water demands. The onset of warmer weather may significantly reduce available water supplies in the ensuing months. The Governor has now declared that this region is in a drought***EMERGENCY*.**

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. The overall status of this region remains in "***WARNING***." Rainfall deficits since September 1 remain in the Emergency range, although both short (three month) and long term (twelve month) rainfall deficits are within the range of normal variation. Ground water levels continue in the warning range.

SOUTHERN REGION

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is "***WARNING*.**" Two indicators, precipitation and ground water levels, are used to evaluate this region. While precipitation since January 1, 2002 is in the Watch range, accumulated deficits since September indicate a drought Emergency. Ground water levels in the shallower aquifers also indicate a drought Warning in this region. The deeper aquifers used by most water supplies in this region are not experiencing any difficulties at this time.

BALTIMORE CITY

Baltimore City's three reservoirs are at approximately 59% of capacity as of the end of March. The City of Baltimore is supplementing their reservoirs by using water from the Susquehanna River and has asked for the voluntary conservation of water. Streamflows in the surrounding area are in the Emergency range and rainfall deficits continue. While water supplies remain adequate, these conditions justify a ***WARNING*** in this area.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 58% capacity. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are at 100% capacity. Streamflows on the Potomac remain adequate to meet all of D.C. area water supply and flow by requirements. On February 20, 2002 the Washington Council of Government declared a drought ***WATCH*** affecting the WSSC service area due drought conditions in the Potomac Basin. Residents are encouraged to conserve water.

STATUS OF WATER OTHER SYSTEMS

Prior to the Governor's announcement, seventeen water systems in Central and Western Maryland had independently imposed water restrictions. These restrictions remain in force and **may be more restrictive then the restrictions imposed by the State**. The systems that have imposed mandatory water restrictions are located in Allegany, Washington, Frederick, Carroll, and Cecil Counties. They include: City of Cumberland, Mount Savage and Reckley Spring in Allegany County; Mount Aetna in Washington County; Point of Rocks, Knolls of Windsor, Thurmont, Myersville, Walkersville, Emmitsburg and Woodsboro in Frederick County; Hampstead, Manchester, Mount Airy, Taneytown and the City of Westminster in Carroll County; and Rising Sun in Cecil County. Additionally, a number of systems have imposed voluntary restrictions. Outside of the central region, fourteen systems, including eight systems in Washington County (Highfield, Brooklane, Town of Clearspring, Elk Ridge, Town of Sharpsburg, Sandy Hook, St. James School and Hagerstown); two systems in Montgomery County (Poolesville and Rockville) and four systems in Kent County (Fairlee, Kennedyville, Worton, and Edesville) have requested their users to voluntarily conserve water.

March 2002 Hydrology Update

Summary of Hydrologic Indicators for Mar 26, 2002					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Normal	Warning (3/6)	Normal	Warning
Central	Emergency	Warning	Emergency (3/6)	Normal	Imminent Emergency
Eastern	Emergency	Warning	Warning (3/6)	N/A	Warning
Southern	Emergency		Watch (3/6)	N/A	Watch

Summary of Hydrologic Indicators for Mar 19, 2002						
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status	
Western	Emergency	Emergency	Warning (3/6)	Normal	Watch	Warning **[2]**
Central	Emergency	Emergency	Emergency (3/6)	Normal	Imminent Emergency	
Eastern	Emergency	Emergency	Warning (3/6)	N/A	Warning **[3]**	
Southern	Emergency	N/A	Watch (3/6)	N/A	Watch	

Summary of Hydrologic Indicators for Mar 12, 2002						
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status **[1]**	
Western	Emergency	Warning	Warning (3/6)	Normal	Watch	Warning **[2]**
Central	Emergency	Emergency	Emergency (3/6)	Normal	Imminent Emergency	
Eastern	Emergency	Emergency	Warning (3/6)	N/A	Warning **[3]**	
Southern	Emergency	N/A	Watch (3/6)	N/A	Watch	

Summary of Hydrologic Indicators for March 6, 2002						
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status [1]	
Western	Emergency	Warning	Warning (3/6)	Normal	Watch	Warning **[2]**
Central	Emergency	Emergency	Emergency (3/6)	Normal	Iminent Emergency	
Eastern	Emergency	Emergency	Warning (3/6)	N/A	Warning **[3]**	
Southern	Emergency	N/A	Watch (3/6)	N/A	Watch	

[1]The overall status reflects the analysis completed on March 6, 2002. The overall status is usually updated monthly. Individual indicators, particularly streamflow, may show short term fluctuations that are not indicative of the overall status.

[2]Washington County is Warning; Allegany and Garrett Counties remain in Watch.

[3] Overall status is based on additional factors including water utility status and season

Drought Status Narative for 2002-03-06

In order to monitor drought conditions across the State, Maryland Department of the Environment performs a monthly evaluation of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow are being evaluated weekly since drought conditions went to the warning stage last month. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was developed by the Water Conservation/Drought Task Force Committee in September of 2000 to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are primarily evaluated on a regional basis. Precipitation, however, is reviewed also statewide and by county. The task force plan allows for staged response to drought, with conditions being in the "Normal," "Watch," "Warning," or "Emergency." In order for a region to be placed in the "Watch," "Warning," or "Emergency" stage, two or more indicators must be outside of the "Normal" range. Over the past six months, drought conditions have continued to worsen. Precipitation is off by a range of 6.6 to 12.6 inches across the State, and stream flows and ground water are well below normal. Reservoirs storage levels are lower than expected for this time of year. As of March 6 rainfall remains in "Emergency" status for all the regions. The following describes the status of drought throughout the State.

Western Region

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation was well below normal in February, bringing the six month deficit to 8.1 inches. Monitored rivers in the region indicate a drought warning, with, the westernmost two rivers indicating a drought watch and the easternmost two indicating a drought emergency. This pattern was repeated in the two monitored wells, with the western well in drought watch, the eastern in drought emergency. The Washington County environmental health programs reported that shallow wells in the county have been affected by lower ground water levels and that many more replacement wells have been drilled in from November through January compared to the same period last year. No such pattern has been noted in Allegany or Garrett County. The hydrologic indicators in the eastern half of this region (Washington County) show much greater stress than those in Garrett County. Therefore, a drought "***WARNING***" is being declared for Washington County, while Garrett and Allegany remain in "***WATCH***."

Central Region

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas served by the City of Baltimore and Washington Suburban Sanitary Commission water systems, make up this region. Precipitation in February was well below normal bringing the six month deficit to 9.2 inches. Ground water levels at the end of February for several wells were at record lows for this time of year. Stream flows are currently at emergency levels. Some water systems have enacted water restrictions to reduce water demands. The onset of warmer weather may significantly reduce available water supplies in the ensuing months. As of the sixth of March the region has moved into ***"IMMINENTEMERGENCY"*** status.

Eastern Region

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. The overall status of hydrologic indicators at the end of January and through February and into the beginning of March continue to show emergency conditions due to low stream flow and below normal precipitation. Long term (12 month) precipitation levels however, are within normal variation. As of the end of February ground water levels continue in the warning range. No water suppliers have reported any difficulties meeting demand as a result of the drought. As all water supplies in this region depend on ground water, and given the time of year and relative abundance of water stored in the unconsolidated aquifers of the Eastern Shore, the overall drought status is being kept as "***WARNING***."

Southern Region

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is "***WATCH***." Two indicators, precipitation and ground water levels, are used to evaluate this region. While short-term (three to six months) precipitation deficits show emergency conditions, long-term (twelve month) precipitation deficits are within the watch range. Ground water levels in shallow aquifers are in the watch range. The deeper aquifers used by many supplies in this region are not susceptible to significant seasonal fluctuations and water suppliers are not experiencing any difficulties.

Status of Water Systems

Twelve water systems in Central and Western Maryland have imposed mandatory water restrictions. These are located in Allegany, Washington, Frederick, Carroll, and Cecil Counties. They include: City of Cumberland, Mount Savage and Reckley Spring in Allegany County; Mount Aetna in Washington County; Point of Rocks, Knolls of Windsor and Thurmont in Frederick County; Hampstead, Manchester, Mount Airy, Taneytown and the City of Westminster in Carroll County; and Rising Sun in Cecil County. Two water systems (Baltimore City and the City of Frederick) and seven small systems in Washington County (Highfield, Brooklane, Town of Clearspring, Elk Ridge, Town of Sharpsburg, Sandy Hook and St. James School) are implementing voluntary water restrictions. Four systems in Kent County (Fairlee, Kennedyville, Worton, and Edesville) have requested their users to voluntarily conserve water.

February 2002 Hydrology Update

Summary of Hydrologic Indicators for February 26, 2002						
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status	
Western	Emergency	Watch	Normal (2/5)	Normal	Watch	Warning **[2]**
Central	Emergency	Emergency	Emergency (2/5)	Normal	Warning **[1]**	
Eastern	Emergency	Emergency	Warning (2/5)	N/A	Warning **[1]**	
Southern	Emergency	N/A	Watch (2/5)	N/A	Watch	

[1] Overall status is based on additional factors including water utility status and season

[2] Washington County is Warning; Allegany and Garrett Counties remain in Watch.

Drought Status Narative for 2002-02-26

In order to monitor drought conditions across the State, Maryland Department of the Environment performs a monthly evaluation of hydrologic indicators. These indicators are precipitation, stream flow, ground water levels and reservoir storage. Precipitation and stream flow are being evaluated weekly since drought conditions went to the warning stage last month. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature, season of year and other relevant factors. This method was developed by the Water Conservation/Drought Task Force Committee in September of 2000 to measure the impact of a drought on a regional basis throughout the State.

Drought conditions are primarily evaluated on a regional basis. Precipitation, however, is reviewed also statewide and by county. The task force plan allows for staged response to drought, with conditions being in the “Normal,” “Watch,” “Warning,” or “Emergency.” In order for a region to be placed in the “Watch,” “Warning,” or “Emergency” stage, two or more indicators must be outside of the “Normal” range. Over the past five and one-half months, drought conditions have continued to worsen. Precipitation is off by a range of 6.5 to 12.5 inches across the State, and stream flows and ground water are well below normal. Reservoirs storage levels are lower than expected for this time of year. As of February 26 rainfall remains in “Emergency” status for all the regions. The following describes the status of drought throughout the State.

WESTERN REGION

Garrett, Allegany and Washington Counties comprise the Western Region. Precipitation in January, while improved over December, was slightly below normal for the month. Precipitation for February however was twenty-eight percent of normal for the region. Monitored rivers in the region are within “Watch” range. As of the end of January ground water levels are normal in Garrett and in “Watch” range in Washington County. The Washington County environmental health programs reported that shallow wells in the county have been affected by lower ground water levels and that many more replacement wells have been drilled in from November through January compared to the same period last year. No such pattern has been noted in Allegany or Garrett County. The hydrologic indicators in the eastern half of this region (Washington County) show much greater stress than those in Garrett County. Therefore, a drought “***WARNING***” is being declared for Washington County, while Garrett and Allegany remain in “***WATCH***.”

CENTRAL REGION

Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties, exclusive of those areas served by the City of Baltimore and Washington Suburban Sanitary Commission water systems, make up this region. Precipitation in January showed a slight increase from December, but was still below normal. In February the region averaged slightly less than one-half inch of rainfall thereby increasing the precipitation deficit another 2.3 inches. Ground water levels at the end of January for several wells were at record lows for this time of year. Stream flows are currently at emergency levels. Some water systems have enacted water restrictions to reduce water demands. The onset of warmer weather may significantly reduce available water supplies in the ensuing months. As of the end of February the region remains in the "***WARNING***" status.

EASTERN REGION

Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties are designated as the Eastern Region. The overall status of hydrologic indicators at the end of January and through February continue to show emergency conditions due to low stream flow and below normal precipitation. Long term (12 month) precipitation levels however, are within normal variation. As of the end of January ground water levels continue in the warning range. No water suppliers have reported any water restrictions in this region. As all water supplies in this region depend on ground water, and given the time of year and relative abundance of water stored in the unconsolidated aquifers of the Eastern Shore, the overall drought status is being kept as "***WARNING***."

SOUTHERN REGION

Anne Arundel, Prince George's, Charles, Calvert and St. Mary's Counties exclusive of the area served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the Southern Region. The overall status for the Southern Region is "***WATCH***." Two indicators, precipitation and ground water levels, are used to evaluate this region. While short-term (three to five months) precipitation deficits show emergency conditions, long-term (twelve month) precipitation deficits are within the watch range. Ground water levels in shallow aquifers are in the watch range. The deeper aquifers used by many supplies in this region are not susceptible to significant seasonal fluctuations and water suppliers are not experiencing any difficulties.

BALTIMORE CITY

Baltimore City's three reservoirs were at approximately 52% of capacity as of the end of January and showed little change through February. The City of Baltimore is using 100 million gallons per day from the Susquehanna River to reduce their dependence on Prettyboy and Loch Raven Reservoirs. Prettyboy Reservoir was particularly low (30% capacity at the end of January). The City continues to use about 70 million gallons per day from Loch Raven Reservoir. There have been no noticeable improvements in these reservoirs since the Susquehanna withdrawal began. Baltimore City is currently encouraging voluntary use restriction which is consistent with "***WATCH/WARNING***" stage.

WSSC

WSSC's Triadelphia and Rocky Gorge Reservoirs are at approximately 60% capacity. The Potomac Reservoirs (Jennings-Randolph and Seneca Lake) are at 100% capacity. Potomac stream flow as of February 26 was flowing at 16% of normal for this date. There is adequate river flow to meet all of D.C. area water supply and flow by requirements. On February 20, 2002 the Washington Council of Government declared a drought "WATCH" affecting the WSSC service area due to drought conditions in the Potomac Basin. Residents are encouraged to conserve water.

STATUS OF WATER SYSTEMS

Twelve water systems in Central and Western Maryland have imposed mandatory water restrictions. These are located in Allegany, Washington, Frederick, Carroll, and Cecil Counties. They include: City of Cumberland, Mount Savage and Reckley Spring in Allegany County; Mount Aetna in Washington County; Point of Rocks, Knolls of Windsor and Thurmont in Frederick County; Manchester, Mount Airy, Taneytown and the City of Westminster in Carroll County; and Rising Sun in Cecil County. Two water systems (Baltimore City and the City of Frederick) and seven small systems in Washington County (Highfield, Brooklane, Town of Clearspring, Elk Ridge, Town of Sharpsburg, Sandy Hook and St. James School) are implementing voluntary water restrictions.

December 2001 Hydrology Update

Summary of Hydrologic Indicators for December 16, 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Emergency	Watch	Normal	Normal	Watch
Central	Emergency	Warning	Watch (11/30)	Normal	Warning
Eastern	Emergency	Warning	Watch (11/30)	N/A	Warning
Southern	Emergency	N/A	Normal	N/A	Normal

Summary of Hydrologic Indicators for December 31, 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Emergency	Watch	Normal	Normal	Watch
Central	Emergency	Warning	Warning	Normal	Warning
Eastern	Emergency	Emergency	Warning	N/A	Warning
Southern	Emergency	N/A	Normal	N/A	Normal

Drought Status Narative for 2001-12-31

In order to monitor drought conditions in a uniform manner across the State, Maryland Department of the Environment performs a preliminary evaluation of hydrologic indicators during the first week of each month. These indicators are precipitation, stream flow, ground water levels and reservoir storage. These indicators are used in conjunction with the condition of water supplies, status of utilities, temperature and season of year and other relevant factors.

Drought conditions are primarily evaluated on a regional basis. Precipitation, however, is reviewed also statewide and by county. The four regions used for drought evaluation are western, central, eastern and southern. The areas served by the City of Baltimore water system and the Washington Suburban Sanitary Commission is not included within the Department's regional evaluations. At the end of December, the overall status of the hydrologic indicators ranged from "normal" to "emergency" for the four regions.

Western Region: Garrett, Allegany and Washington Counties comprise the western region. The western region remains in the ***watch*** status at Decembers end. Precipitation in December, while improving from the previous two months still lagged behind normal. Ground water levels remained in normal range and stream flow in the watch range. Reservoirs for Cumberland and Frostburg are in excess of 120 days of storage. In general the hydrologic conditions improved from east to west in this region.

Central Region: Frederick, Montgomery, Carroll, Howard, Baltimore, Harford and Cecil Counties make up this region exclusive of those areas served by the City of Baltimore and Washington Suburban Sanitary Commission water systems. As of the end of December the overall status for the central region was at ***warning***. The past four months of precipitation show emergency conditions while the past twelve months indicate watch. Stream flow in December was low for this region, half of the gages reviewed registered warning levels and half the gages were at emergency. Ground water levels ranged from normal to emergency levels in this region. Some of the monitored levels showed a slight increase in water levels from November while others continued to decline.

Eastern Region: Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset and Worcester Counties were designated as the eastern region. The overall status of the available hydrologic indicators shows drought emergency conditions. After considering the relative abundance of water in the shallow aquifers, the status of water utilities and season of year, an emergency declaration for the eastern region was not justified. The overall drought status for the eastern region as of the end of December has changed from watch (from November) to ***warning***. Precipitation improved in December when compared to previous two months but was still below normal. Precipitation levels indicate emergency conditions for the past four months, but normal over the past twelve months. Ground water levels ranged from watch to emergency status. Wells used for long-term observation in the lower shore tended to be in the lower part of their range than those in the middle shore.

Southern Region: Anne Arundel, Prince Georges, Charles, Calvert and St. Mary's Counties exclusive of the areas served by the City of Baltimore and Washington Suburban Sanitary Commission comprise the southern region. The overall status for the southern region is***normal***. Two indicators, precipitation and ground water levels are used to evaluate this region. Like the rest of the State precipitation was well below normal for the past four months and December was better than the previous months. Precipitation was with the range of normal variation for the past twelve months. The ground water levels for well Ch Ee 12 was within normal range. Data from additional wells are being reviewed for inclusion in future evaluations.

November 2001 Hydrology Update

Summary of Hydrologic Indicators for November 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Emergency	Watch	Normal	Normal	Watch
Central	Warning	Watch	Watch	Normal	Watch
Eastern	Emergency	Watch	Watch	N/A	Watch
Southern	Emergency	N/A	Normal	N/A	Normal

Drought Status Narative for 2001-11-30

The Maryland Department of Environment performs a preliminary evaluation of hydrologic indicators during the first week of each month. The final evaluation is completed when reservoir data is available in mid month.

The just completed preliminary evaluation shows that the Central and Western regions continue to remain in the watch status. This evaluation also adds the Eastern region to the watch status, which includes the following counties: Kent, Queen Anne's, Caroline, Talbot, Dorchester, Wicomico, Somerset, and Worcester. The counties covered by the previously issued watch (and which continue to be in drought watch) were Garrett, Allegany, Washington, Frederick, Carroll, Baltimore (excluding that part of the county served by the Baltimore City water system), Harford, Cecil, Howard (excluding that part of the county served by the Baltimore City water system) and Montgomery (excluding that part of the county served by the Washington Suburban Sanitary Commission). Thus, a total of eighteen counties are now in drought watch.

Rainfall: Rainfall was less than 30 percent of normal for November. When examined on a regional basis for the past three months, the deficits indicate a warning status in the Central region and an emergency status for the remainder of the state. On a six or twelve month basis, however, only Western and Central regions indicate a watch status.

Stream Flow: All monitored stream gages were indicating abnormally low flows for the week ending November 30, 2001. The gage levels ranged from watch (7 of 10) to emergency (2 of 10).

Ground Water: Ground water monitoring wells indicate that the Central and Eastern regions are slightly below normal, triggering watch status. The remainder of the state is within the range of normal variation. Ground water levels in the Southern region, while still normal, have declined toward the watch status.

Reservoirs: Reservoir data shows all systems have storage exceeding the trigger level for normal conditions as of the end of November. Estimated days of storage ranged from 130 days for the Loch Raven Prettyboy Reservoirs to over 300 days for the City of Frostburg's Piney Reservoir.

October 2001 Hydrology Update

Summary of Hydrologic Indicators for October 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Watch	Normal	Normal	Watch
Central	Watch	Warning	Normal	Normal	Watch
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Watch	N/A	Normal	N/A	Normal

Drought Status Narative for 2001-10-31

The Maryland Department of Environment performs a preliminary evaluation of hydrologic indicators during the first week of each month. The final evaluation is completed when reservoir data is available in mid month.

The just completed preliminary evaluation shows that drought indicators are within the "Watch" range for the Central and Western regions.

Rainfall: Rainfall was only 28 percent of normal throughout the state for the month of October. This deficit, combined with deficits from the previous two months indicate a drought warning in the Western region and a drought watch in the Central and Southern Regions.

Stream Flow: Stream flows have been in the "Watch" for the Western region and the "Warning" range for the Central region since mid October. Only two of the ten stations were in the range of normal variation.

Ground Water: Continues to hold within the range of normal variation in all regions. Several wells, however, have dipped to watch levels in the Eastern Region and the Central Region.

Reservoirs: Reservoir data is not available at this time. This information will be evaluated mid-month.

September 2001 Hydrology Update

Summary of Hydrologic Indicators for September 2001					
Region	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Normal	Normal	Normal
Central	Watch	Normal	Normal	Normal	Normal
Eastern	Normal	Normal	Normal	N/A	Normal
Southern	Normal	N/A	Normal	N/A	Normal

Drought Status Narative for 2001-10-31

The Maryland Department of Environment performs a preliminary evaluation of hydrologic indicators during the first week of each month. The final evaluation is completed when reservoir data is available in mid month. This evaluation shows that the drought indicators are within the "Normal" range for all regions at the end of September. Rainfall in October has continued to be below normal throughout the state, however, and streamflow in the Western and Central regions has now receded to below normal levels in these regions.

Rainfall: Rainfall was 68 percent of normal throughout the state for the month of September. However, rainfall indicators were within the "Watch" range for the Central Region and the Western Region.

Stream Flow: Because of a significant rainstorm on September 24, the stream flows for the week ending September 30 were higher than the results of readings for most of the rest of the month. Since then, stream flows in the central region have receded and by October 16, stream flows were within the "Warning" range for the Central region and the "Watch" range for the Western region.

Ground Water: Continues to hold within the range of normal variation in all regions.

Reservoirs: All reservoirs are within normal range.